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Kennedy/Jenks Consultants

GROUNDWATER MONITORING
DATA SUMMARY REPORT
THIRD QUARTER 1995

DOUGLAS AIRCRAFT COMPANY C-6 FACILITY
TORRANCE, CALIFORNIA

K/J 944016.01

OCTOBER 1995

GROUNDWATER MONITORING DATA SUMMARY REPORT
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1.0 INTRODUCTION

The Douglas Aircraft Company (DAC) C-6 Facility is located at 19503 South Normandie Avenue, Torrance, California (Figure 1). Quarterly groundwater sampling is being conducted in response to the California Regional Water Quality Control Board - Los Angeles Region correspondence to DAC, dated 7 April 1992. This report summarizes laboratory analytical data generated through the chemical analysis of groundwater samples collected during the period of 6 and 7 September 1995, Third Quarter 1995.

2.0 QUARTERLY MONITORING PROGRAM

Third Quarter 1995 groundwater sampling was performed in accordance with standard sampling procedures. Static water level depths were measured on 6 September 1995 prior to initiating purging of groundwater from any observation wells and again on 20 September 1995 to confirm the measured depths. Static water depths on monitoring wells (MW-9, MW-18 and MW-19) located in the southern portion of the DAC property installed for the Montrose Chemical Corporation Remedial Investigation were not measured for this quarter.

Groundwater samples were collected from the following fifteen wells (Figure 2) and chemically analyzed for volatile organic compounds (VOCs) by EPA Method 8240/8260 for the Third Quarter 1995.

WCC-1S, WCC-2S, WCC-3S, WCC-4S, WCC-5S, WCC-6S, WCC-7S, WCC-8S, WCC-9S, WCC-10S, WCC-11S, WCC-12S, WCC-1D, WCC-3D, and DAC-P1.

Table 1 summarizes observation well construction details. Tables 2 and 3 summarize the results of chemical analysis of groundwater samples and duplicates for major and minor constituents at the C-6 facility, respectively. Chemicals detected in samples from each observation well are shown in Figure 3. Table 4 summarizes available measured groundwater elevations to date. Estimated groundwater elevation contours for the Third Quarter are presented in Figure 4. Historical chemical concentration profiles for the indicator chemicals trichloroethene and 1,1-dichloroethene are shown in Figure 5. Copies of laboratory data sheets, laboratory/field Quality Control data sheets, groundwater purge and sample forms, and Chain-of-Custody records are included in Appendices A, B, C, and D respectively.

2.1 Groundwater Sampling Procedures

Prior to collecting groundwater samples from each well, groundwater was purged using an electrical submersible pump that was temporarily installed in the observation well. After lowering the pump to the approximate mid-point of the saturated well screen, approximately three to five wetted casing volumes of groundwater were purged from the well until the following groundwater monitoring parameters had stabilized to within 10% of preceding values: pH, electrical conductivity, and temperature. Purged groundwater was stored onsite in DOT approved 55 gallon barrels pending the results of laboratory analysis of samples.

Following groundwater purging, the submersible pump was removed from the well and a representative groundwater sample was collected using a steam-cleaned stainless steel point-source bailer equipped with top and bottom ball-check valves. The bailer was lowered to the approximate mid-point of the saturated well screen interval and retrieved to ground surface. The contents of the bailer were drained into three labeled 40-ml capacity vials, preserved with HCl.

2.2 Field QA/QC Procedures

Duplicate groundwater samples were collected for the sampling rounds on 6 and 7 September 1995 for quality control purposes. The duplicates were collected in three HCl-preserved vials each and identified by inserting the collection date after "DW-" (DW-090695 and DW-090795). No further sample identification was provided to the laboratory. Samples DW-090695 and DW-090795 were taken from observation wells WCC-11S and WCC-6S, respectively.

Following decontamination of the bailer by steam-cleaning, and prior to collection of groundwater samples from the successive well, an equipment rinsate blank was prepared for laboratory analysis. The equipment rinsate blank was prepared by pouring Reagent Grade II water, prepared by the analytical laboratory, through the bailer and discharge spigot and collecting the rinsate in two 40-ml vial preserved with HCl. The blank was identified following a similar protocol to that used for duplicate water samples and is identified as "EB090795". The wells sampled before and after rinsate blank preparation were recorded. EB090795 was collected after sampling well DAC P-1, the last well sampled that day. A trip blank was also analyzed for the second day of sampling and shipping and is identified as TB-090795.

All groundwater, duplicate, and field blank samples were transported in ice-cooled chests to Curtis & Tompkins, Ltd., General Analytical Laboratory, Irvine, California using U.S. EPA-recommended Chain-of-Custody procedures.

3.0 EVALUATION OF ANALYTICAL RESULTS

3.1 Groundwater Gradient

Groundwater levels were measured prior to sampling on 6 September 1995, and again on 20 September 1995 to confirm the measurements (Table 4 and Appendix C). The shallow zone groundwater elevations measured on 20 September 1995 range from 15.59 feet below mean sea level (MSL) to 16.82 feet below MSL. An estimated potentiometric surface map for the shallow zone as measured on this day is presented as Figure 4. The groundwater gradient in the shallow zone was generally south-southeast with a southerly directed trough-like depression between observation wells WCC-10S and WCC-12S.

Insufficient data (two wells) are available to define the groundwater gradient in the deeper zone. Groundwater elevation in the two wells (WCC-1D and WCC-3D) is approximately 16.60 and 16.47 feet below MSL, respectively.

3.2 Analytical Data

The results of chemical analysis of groundwater and duplicate samples are summarized in Tables 2 and 3. Table 2 lists major constituents and Table 3 lists additional minor constituents of samples tested. The duplicate groundwater samples are indicated by an asterisk and are presented with the "original" groundwater samples. These tables include cumulative analytical data for all monitoring wells and detection limits (where available) for the listed chemicals.

The following observations are noted:

- Data for groundwater samples collected from well DAC-P1, located at the upgradient property boundary, indicate a TCE concentration of 13,000 micrograms per liter ($\mu\text{g}/\text{L}$) coming onto DAC's property. This test result shows a decrease relative to prior sampling events, but is within the historical range. Other chemicals detected in well DAC-P1 include 1,1-DCE, cis-1,2-DCE, chloroform and toluene. These chemicals were detected at concentrations less than 100 $\mu\text{g}/\text{L}$. DAC-P1 is screened in the shallow zone.
- Background concentrations of TCE and 1,1-DCE in the shallow zone upgradient or cross gradient wells WCC-10S, WCC-2S, and WCC-11S increased slightly, but remain in the range of 100 to 200 $\mu\text{g}/\text{L}$ of TCE and tens of $\mu\text{g}/\text{L}$ of 1,1-DCE.
- Groundwater elevation data (Figure 4) and chemical concentration data (Figure 3) indicate that chemical transport in the shallow zone is in a generally southerly to southeasterly direction in the vicinity of buildings 36 and 41. Most chemical concentration data from the eastern boundary observation wells (WCC-5S, and WCC-9S) are within the same range or lower than upgradient or cross gradient "background level" wells (WCC-10S, WCC-2S and WCC-11S).
- WCC-3S data showed a significant decrease in 1,1-DCE and toluene over recent historical data.
- WCC-6S data showed significant decrease in 1,1-DCE, 1,1,1-TCA, MIBK, cis-1,2-DCE, and toluene over the previous sampling event.
- Decreases in 1,1-DCE and TCE were also observed in wells WCC-1S and WCC-8S.
- WCC-3D data showed significant increases in 1,1-DCA, 1,1,1-TCA, TCE and toluene compared to concentrations observed last quarter. However, last quarter's data was relatively low, and this quarter's data is more consistent with other historical data.
- Chemical concentration variances within all observation wells (other than WCC-3D discussed above) were typical of historical ranges.
- Analytical data from the equipment rinsate blanks, sample duplicates, trip blanks, and laboratory spikes and duplicates are indicative of reliable data.

TABLES

TABLE 1
 OBSERVATION WELL CONSTRUCTION DETAILS
 GROUNDWATER MONITORING DATA SUMMARY REPORT
 THIRD QUARTER, 1995
 DOUGLAS AIRCRAFT C-6 FACILITY
 TORRANCE, CALIFORNIA
 K/J 944016.01

Well	Date Constructed	Well Diameter (inches)	Total Depth of Borehole (Feet)	Depth of Screened Interval (Feet)	Depth to top of Sand Filter Pack (Feet)	Well Casing Material and Slot Size	Hydrogeologic Unit Screened
WCC-1S ¹	3/26/87	2	91	78-88	72	Schedule 40 PVC 0.020-Inch Slots	Shallow
WCC-2S ¹	10/28/87	4	90.5	70-90	63	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-3S ¹	10/26/87	4	92	69-89	64	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-4S ¹	10/27/87	4	91.5	70.5-90.5	65	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-5S ¹	11/24/87	4	91	60.5-91	58.5	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-6S ²	9/22/89	4	91	60-90	N/A ³	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-7S ²	6/8/89	4	90.5	60-90	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-8S ²	6/12/89	4	90	59.5-89.5	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-9S ²	9/21/89	4	91.5	60-90	55	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-10S	6/7/89	4	90.8	60-90	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-11S	N/A	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-12S	N/A	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
DAC-P ¹	9/25/89	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-1D ²	6/30/89	4	140	120-140	115	Schedule 40 PVC 0.010-Inch Slots	Deeper
WCC-3D ²	6/27/89	4	140	120-140	114	Schedule 40 PVC 0.010-Inch Slots	Deeper
MW-8 ⁴	5/10/89	4	85	65-80	62	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow
MW-9 ⁴	5/9/89	4	85	66-81	61	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow
MW-18 ⁴	3/29/90	4	84	68-83	67	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow
MW-19 ⁴	3/30/90	4	80	63-79	62	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow

NOTES:

1. Data from Woodward-Clyde Consultants Phase II Report, May 1988
2. Data from Woodward-Clyde Consultants Phase III Report, March 1990
3. N/A = Not Available
4. Data from Hargis + Associates, Final Draft, Remedial Investigation, Montrose Site, Torrance, Ca, October 1992

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
THIRD QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-1S	03/27/87	2,800	-	300	4,600	-	-	-	-	85	-	-
	*04/13/87	3,700/2,500	-/-	260/120	5,500/3,600	-/-	-/-	-/-	-/-	110	-/-	-/-
	11/12/87	3,000	23	160	5,200	-	-	75	39	160	-	-
	07/13/89	900	<20	67	2,400	<100	<20	<20	<20	<20	<20	-
	08/23/89	1,500	30	<30	2,800	<100	41	<30	<30	<30	<30	-
	11/18/91	1,300	-	-	3,700	-	-	-	-	-	-	-
	06/17/92	1,700	<50	<50	3,800	<100	<5	<50	<50	<50	<50	<100
	09/23/92	1,500	13	16	3,400	<5	<1	14	13	37	1	<5
	12/09/92	1,500	<30	<30	3,100	<100	<30	<30	<30	30	<30	<100
	03/18/93	1,000	13	15	2,100	<5	27	15	14	33	<2	<10
	06/08/93	1,200	<20	<20	2,400	<200	27	<20	<20	35	<20	<400
	08/25/93	1,700	<20	<20	3,300	<200	27	<20	<20	42	<20	<400
	11/19/93	1,600	<20	<20	2,600	<200	25	<20	<20	38	<20	<400
	2/24/94	1,800	<20	<20	2,700	<200	33	21	<20	39	<20	<400
	6/13/94	1,000	11	11	1,700	<100	20	16	<10	<10	<10	<200
	9/9/94	1,400	<40	<40	2,300	<400	<40	<40	<40	40	<40	<800
	12/22/94	3,000	23	24	3,100	<200	38	36	<20	57	<20	<400
	3/14/95	2,000	<20	<20	2,300	<200	22	22	<20	34	<20	<400
	6/13/95	2,700	20	<20	3,200	<200	29	31	<20	45	<20	<400
	9/7/95	1,800	22	22	2,600	<10	37	37	16	51	<5	<10
WCC-2S	11/02/87	5	-	5	14	-	-	-	-	-	6	-
	11/12/87	2	-	1	4	-	-	-	-	-	1	-
	7/13/89	<1	<1	<1	5	<5	<1	<1	<1	<1	<1	-
	8/23/89	<1	<1	<1	3	<5	<1	<1	<1	<1	<1	-
	11/19/91	30	-	8	110	-	-	-	-	-	75	-
	06/16/92	30	<5	<5	100	<10	<5	<5	<5	<5	<5	<10
	*09/22/92	18/19	<1/<1	<1/<1	110/97	<5/<5	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	1/1
	*12/08/92	49/27	<1/<1	2/2	140/99	<5/<5	<1/<1	<1/<1	<1/2	<1/<1	<1/<1	<5/<5
	*03/17/93	32/33	<2/<2	<2/<2	110/100	<5/<5	<2/<2	<2/<2	<2/<2	<2/<2	<2/<2	<10/<10
	06/07/93	48	<2	<2	150	<20	<2	<2	<2	<2	<2	<40
	08/24/93	16	<2	<2	90	<20	<2	<2	<2	<2	<2	<40
	11/19/93	41	<2	<2	94	<20	<2	<2	<2	<2	<2	<40
	2/24/94	30	<2	<2	96	<20	<2	<2	<2	<2	<2	<40
	6/10/94	24	<2	<2	97	<20	<2	<2	<2	<2	<2	<40
	9/8/94	37	<2	<2	150	<20	<2	<2	<2	<2	<2	<40
	12/22/94	28	<2	<2	110	<20	<2	<2	<2	<2	<2	<40
	3/13/95	27	<2	<2	160	<20	<2	<2	<2	<2	<2	<40
	6/12/95	30	<2	<2	130	<20	<2	<2	<2	<2	<2	<40
	9/6/95	56	<5	<5	200	<10	<5	<5	<5	<5	<5	<10

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 2
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
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 THIRD QUARTER 1995
 DOUGLAS AIRCRAFT C-6 FACILITY
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-3S	11/02/87	38,000	-	110,000	10,000	54,000	-	-	-	-	80,000	-
	11/12/87	88,000	1,000	54,000	11,000	70,000	-	1,000	<500	<500	140,000	-
	07/13/89	18,000	<500	56,000	7,700	<3000	<500	660	<1,000	<1,000	32,000	-
	08/23/89	56,000	<1,000	78,000	6,000	<5000	<1,000	550	250	<1,000	56,000	-
	11/14/91	12,000	400	6,900	7,900	70,000	550	550	-	-	27,000	12,000
	06/17/92	25,000	<5,000	13,000	13,000	100,000	<5,000	<5,000	<5,000	<.5000	51,000	<10,000
	09/23/92	22,000	<500	7,800	12,000	82,000	<500	<500	<500	<500	52,000	<3,000
	12/09/92	21,000	<500	5,600	11,000	90,000	700	600	<500	<500	44,000	4,000
	*03/18/93	20,000/20,000	650/510	21,000/22,000	8,800/8,800	44,000/45,000	650/640	640/670	120/110	240/260	42,000/42,000	<50/-50
	06/08/93	16,000	420	5,900	8,600	79,000	520	480	<100	210	37,000	<2,000
	*08/25/93	21,000/20,000	500/560	10,000/9,500	11,000/9,700	50,000/49,000	670/700	680/710	<400/<10	<400/250	46,000/40,000	<8,000/660
	11/19/93	26,000	690	19,000	10,000	47,000	1,100	840	<200	280	50,000	<4,000
	2/24/94	15,000	310	9,600	2,500	15,000	2,500	360	<200	<200	25,000	<4,000
	6/13/94	13,000	310	6,200	820	9,900	4,100	360	<200	<200	23,000	<4000
	*9/9/94	23,000/25,000	520/560	9,000/9,800	<500/<500	6,000/5,000	7,700/8,400	600/640	<500/<500	<500/<500	43,000/47,000	<10000/<1000
	12/22/94	20,000	440	6,700	390	3,400	6,700	530	<200	200	35,000	<4,000
	3/14/95	24,000	570	8,700	2,300	4,600	6,200	670	<200	230	40,000	<4,000
	6/13/95	22,000	450	4,800	1,200	6,600	6,300	500	<400	<400	39,000	<8000
	9/7/95	13,000	480	4,100	910	4,600	6,000	520	76	220	31,000	<200
WCC-4S	11/02/87	360	-	14	700	-	-	2	2	-	-	-
	11/12/87	1,200	-	35	690	-	-	-	-	-	-	-
	7/13/89	170	<3	11	270	-	10	<3	<3	<3	<3	-
	08/23/89	360	<5	7	410	<20	15	<5	<5	<5	<5	-
	11/18/91	1,000	-	20	2,200	<30	-	-	-	-	-	-
	06/17/92	920	<25	<25	1,500	<50	<25	<25	<25	<25	<25	<50
	09/23/92	1,400	<10	20	1,900	<50	<10	<10	10	<10	<10	<50
	12/08/92	1,000	<10	20	1,600	<50	10	<10	10	<10	<10	<50
	03/17/93	810	8	14	1,200	<5	8	5	5	6	<2	<10
	06/08/93	1,300	<10	12	1,800	<100	10	<10	<10	<10	<10	<200
	08/25/93	1,100	<10	<10	1,400	<100	<10	<10	<10	<10	<10	<200
	11/19/93	610	17	8	700	<40	6	5	<4	4	9	<80
	2/24/94	1,100	5.8	8.8	980	<40	8.7	7.2	5.1	6.4	<4	<80
	6/14/94	800	<4	5	940	<40	7.1	5.2	<4	<4	<4	<80
	9/9/94	1,000	<20	<20	1,300	<200	<20	<20	<20	<20	<20	<400
	12/22/94	670	<10	<10	750	<100	<10	<10	<10	<10	<10	<200
	3/14/95	400	9.8	4.9	450	<40	4.9	<4	<4	<4	<4	<80
	6/13/95	1,100	8.6	<6.6	1,100	<66	7.9	<6.6	<6.6	7	7	<6.6
	9/7/95	910	8	6	1,200	<10	10	9	7	13	<5	<10

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 2
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
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 THIRD QUARTER 1995
 DOUGLAS AIRCRAFT C-6 FACILITY
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-5S	11/30/87	7	-	1	-	-	-	-	-	-	1	-
	01/08/88	4	-	10	-	-	-	-	-	-	-	-
	*07/13/89	3/3	<1/<1	13/12	<5/<5	<1/<1	6/6	<1/<1	<1/<1	<1/<1	<1/<1	-
	08/23/89	<1	<1	12	<5	<1	4	<1	<1	<1	<1	-
	11/19/91	20	-	-	8	-	-	-	-	-	7	-
	06/15/92	28	<5	<5	7	<10	<5	<5	<5	<5	<5	<10
	09/21/92	21	<1	<1	5	<5	<1	<1	<1	<1	<1	<5
	12/07/92	21	<1	<1	5	<5	<1	<1	<1	<1	<1	<5
	03/16/93	18	<2	<2	4	<5	<2	<2	<2	<2	<2	<10
	06/07/93	22	<2	<2	4	<20	<2	<2	<2	<2	<2	<40
	08/24/93	23	<2	<2	5	<20	<2	<2	<2	<2	<2	<40
	11/18/93	21	<2	<2	3	<20	<2	<2	<2	<2	<2	<40
	2/23/94	20	<2	<2	4	<20	<2	<2	<2	<2	<2	<40
	*6/10/94	25/25	<2/<2	<2/<2	3.4/3.4	<20<20	<2/<2	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
	9/8/94	18	<2	<2	3.3	<20	<2	<2	<2	<2	<2	<40
	12/21/94	18	<2	<2	2.9	<20	<2	<2	<2	<2	<2	<40
	3/13/95	14	<2	<2	2.8	<20	<2	<2	<2	<2	<2	<40
	6/12/95	19	<2	<2	3.2	<20	<2	<2	<2	<2	<2	<40
	9/6/95	18	<5	<5	<5	<10	<5	<5	<5	<5	<5	<10
WCC-6S	10/06/89	210	4	130	140	<5	12	7	<1	<1	<1	-
	11/16/91	5,800	-	5,000	-	17,000	-	-	-	-	35,000	21,000
	06/17/92	5,400	<500	2,100	3,000	7,600	<500	<500	<500	<500	15,000	6,300
	09/23/92	5,900	94	1,300	3,100	7,500	200	170	20	67	10,000	3,600
	*12/09/92	3,700/5,600	80/<100	680/1,400	2,700/3,200	3,400/<500	200/200	100/200	<50/<100	80/<100	5,000/10,000	3,000/5,000
	03/17/93	3,200	50	1,200	1,400	3,900/<500	<10	80	15	40	10,000	3,800
	06/08/93	5,500	<100	1,900	2,100	13,000	260	120	<100	<100	21,000	7,800
	08/25/93	5,400	<100	2,100	1,900	11,000	630	130	<100	<100	19,000	7,600
	11/19/93	2,200	42	440	670	4,700	480	<10	24	4,900	3,100	-
	2/24/94	11,000	91	2,200	1,800	13,000	1,400	140	21	52	20,000	4,400
	*6/13/94	5,800/6,300	87/<100	1,900/1,500	1,400/1,300	4,400/5,200	1,600/1,400	130/100	18/<100	52/<100	12,000/<13,000	1,400/<2,000
	9/9/94	Not sampled; well head obstructed				-	-	-	-	-	-	-
	12/22/94	9,100	<200	1,300	1,900	4,800	2,500	<200	<200	<200	16,000	<4,000
	3/14/95	3,000	38	200	930	390	850	60	<20	25	2,300	<400
	6/13/95	9,800	130	810	510	450	4,200	180	28	82	8,400	<400
	*9/7/95	4,300/3,800	55/70	370/310	620/520	240/180	2,400/2,200	83/99	14/19	50/56	2,900/2,500	12/11

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 2
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
 GROUNDWATER MONITORING DATA SUMMARY REPORT
 THIRD QUARTER 1995
 DOUGLAS AIRCRAFT C-6 FACILITY
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-7S	07/13/89	850	<10	110	1,300	<50	26	11	<10	<10	<10	-
	08/23/89	1,100	<30	66	1,400	<100	31	<30	<30	<30	<30	-
	11/18/91	390	-	-	1,200	-	-	-	-	-	-	-
	06/17/92	230	<5	<5	560	<10	<5	<5	<5	<5	<5	<10
	09/23/92	140	<5	<5	570	<30	<5	<5	<5	<5	<5	<30
	12/08/92	140	<5	<5	430	<30	<5	<5	<5	<5	<5	<30
	03/17/93	77	<2	<2	200	<5	4	<2	<2	<2	<2	<10
	06/07/93	120	<2	<2	330	<20	4	<2	<2	<2	<2	<40
	08/25/93	70	<4	<4	210	<40	4	<4	<4	<4	<4	<80
	11/19/93	56	<2	<2	130	<20	<2	<2	<2	<2	<2	<40
	2/24/94	75	<2	<2	140	<20	2.5	<2	<2	<2	<2	<40
	6/13/94	58	<2	<2	110	<20	2.5	<2	<2	<2	<2	<40
	9/8/94	50	13	<2	250	<20	<2	<2	<2	<2	<2	<40
	12/22/94	94	<2	<2	94	<20	<2	<2	<2	<2	<2	<40
	3/14/95	53	<2	<2	84	<20	<2	<2	<2	<2	<2	<40
	*6/13/95	110/98	<2/<2	<2/<2	230/220	<20/<20	<2/<2	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
	9/7/95	150	<5	<5	200	<10	<5	<5	<5	<5	<5	<10
WCC-8S	07/13/89	430	<5	160	240	<30	7	9	<5	<5	<5	-
	08/23/89	820	<5	130	430	<30	7	<5	<5	<5	<5	-
	11/15/91	2,600	-	400	3,000	-	40	40	25	-	120	-
	*6/17/92	2,200/2,300	<25/<50	180/180	2,400/2,600	<50/<100	<25/<50	<25/<50	<25/<50	<25/<50	<25/<50	<50/<100
	09/23/92	2,800	<20	200	3,100	<100	<20	20	20	<20	<20	<100
	12/08/92	2,000	<20	100	2,500	<100	20	30	20	20	<20	<100
	03/17/93	1,800	11	180	1,500	<5	15	26	10	15	<2	<10
	06/08/93	3,000	<20	300	2,000	<200	<20	40	<20	<20	<20	<400
	08/25/93	3,100	<20	330	2,200	<200	<20	45	<20	<20	<20	<400
	11/19/93	3,300	<20	330	2,000	<200	<20	50	<20	24	<20	<400
	2/24/94	3,400	<20	300	1,200	<200	<20	35	<20	<20	<20	<400
	6/13/94	4,000	<40	290	2,200	<400	<40	44	<40	<40	<40	<800
	9/9/94	4,600	<50	280	3,100	<500	<50	<50	<50	<50	<50	<1000
	12/22/94	4,000	<20	230	2,100	<200	<20	43	<20	25	<20	<400
	3/14/95	4,500	<40	220	2,600	<400	<40	41	<40	<40	<40	<800
	6/13/95	4,200	<40	150	2,400	<400	<40	<40	<40	<40	<40	<800
	9/7/95	2,200	10	110	1,700	<10	15	28	9	22	<5	<10

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
THIRD QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-9S	10/06/89	<1	<1	<1	15	<5	7	<1	<1	<1	<1	-
	11/19/91	-	-	-	20	-	-	-	-	-	-	-
	06/15/92	7	<5	<5	42	<10	<5	<5	<5	<5	<5	<10
	09/21/92	6	<1	<1	45	<5	2	<1	6	<1	<1	<5
	12/07/92	10	<1	<1	51	<5	<1	<1	12	<1	<1	<5
	03/16/93	6	<2	<2	23	<5	3	<2	11	<2	<2	<10
	*06/07/93	11/11	<2/<2	<2/<2	42/39	<20/<20	<2/<2	<2/<2	18/17	<2/<2	<2/<2	<40/<40
	08/24/93	5	<2	<2	26	<20	4	<2	<2	<2	<2	<40
	11/18/93	5	<2	<2	43	<20	<2	<2	7	<2	<2	<40
	2/23/94	<4	<2	<2	31	<20	2	<2	4	<2	<2	<40
	6/10/94	<4	<2	<2	28	<20	4.4	<2	2.5	<2	<2	<40
	9/8/94	<4	<2	<2	38	<20	2.7	<2	4.1	<2	<2	<40
	*12/21/94	<4/<4	<2/<2	<2/<2	22/26	<20/<20	3.1/3.3	<2/<2	3.0/3.1	<2/<2	<2/<2	<40/<40
	3/13/95	7	<2	<2	56	<20	<2	<2	8.4	<2	<2	<40
	*6/12/95	<4/<4	<2/<2	<2/<2	23/21	<20/<20	<2/<2	<2/<2	6.4/6	<2/<2	<2/<2	<40/<40
	9/6/95	11	<5	<5	64	<10	<5	<5	19	<5	<5	<10
WCC-10S	*07/13/89	2/1	<1/<1	<1/<1	86/87	<5/<5	<1/<1	<1/<1	3/3	<1/<1	<1/<1	-
	08/23/89	4	<1	<1	81	5	<1	<1	4	<1	<1	-
	11/20/91	-	-	-	87	-	-	-	-	-	-	-
	06/16/92	10	<5	<5	120	<10	<5	<5	<5	<5	<5	13
	*09/21/92	9/9	<1/<1	<1/<1	120/110	<5/<5	<1/<1	<1/<1	4/4	<1/<1	<1/<1	<5/<5
	12/8/92	8	<1	<1	110	<5	<1	<1	5	<1	<1	<5
	03/16/93	9	<2	<2	130	<5	<2	<2	6	<2	<2	<10
	06/07/93	13	<2	<2	120	<20	<2	<2	4	<2	<2	<40
	08/25/93	<4	<2	<2	120	<20	<2	<2	<2	<2	<2	<40
	11/19/93	9	<2	<2	82	<20	<2	<2	2	<2	<2	<40
	2/23/94	10	<2	<2	110	<20	<2	<2	5	<2	<2	<40
	6/10/94	17	<2	<2	120	<20	<2	<2	4.3	<2	<2	<40
	9/8/94	17	<2	<2	130	<20	<2	<2	<2	<2	<2	<40
	*12/22/94	14/13	<2/<2	<2/<2	99/94	<20/<20	<2/<2	<2/<2	3.1/3.0	<2/<2	<2/<2	<40/<40
	*3/13/95	19/19	<2/<2	<2/<2	120/130	<20/<20	<2/<2	<2/<2	2.2/2.3	<2	<2	<40
	6/12/95	20	<2	<2	140	<20	<2	<2	2.3	<2	<2	<40
	9/6/95	27	<5	<5	160	<10	<5	<5	<5	<5	<5	<10

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
THIRD QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-11S	11/15/91	10	-	-	80	-	-	-	-	-	-	-
	06/16/92	21	<5	<5	120	<10	<5	<5	<5	<5	<5	<10
	09/21/92	17	<1	<1	140	<5	2	<1	<1	<1	<1	<5
	12/08/92	13	<1	<1	83	<5	6	<1	<1	<1	<1	<5
	03/16/93	25	<2	<2	160	<5	4	<2	<2	<2	<2	<10
	06/07/93	16	<2	<2	110	<20	5	<2	<2	<2	<2	<40
	08/24/93	14	<2	<2	97	<20	4	<2	<2	<2	<2	<40
	*11/19/93	14/14	<2/<2	<2/<2	100/100	<20/<20	3/3	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
	2/23/94	16	<2	<2	100	<20	4	<2	<2	<2	<2	<40
	6/10/94	16	<2	<2	85	<20	4.8	<2	<2	<2	<2	<40
	*9/8/94	20/19	<2/<2	<2/<2	140/120	<20/<20	4.8/5.9	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
	12/21/94	26	<2	6	130	<20	4.2	<2	<2	<2	10	<40
	3/13/95	16	<2	<2	100	<20	5.6	<2	<2	<2	<2	<40
	6/12/95	22	<2	<2	130	<20	6	<2	<2	<2	<2	<40
	*9/6/95	31/30	<5/<5	<5/<5	190/200	<10/<10	<5/<5	<5/<5	<5/<5	<5/<5	<5/<5	<10/<10
WCC-12S	11/18/91	300	-	17	900	-	-	-	-	-	-	-
	*06/16/92	250/260	<5/5	<5/<5	660/710	<10/<10	<5/<5	<5/<5	<5/<5	<5/<5	<5/<5	<10/10
	09/22/92	130	7	1	500	<5	3	<1	3	<1	<1	<5
	12/08/92	160	<5	<5	550	<30	5	<5	<5	<5	<5	<30
	03/17/93	100	7	<2	410	<5	4	8	3	<2	<2	<10
	06/07/93	130	2	<2	370	<20	5	<2	<2	<2	<2	<40
	08/25/93	100	<4	<4	390	<40	<4	<4	<4	<4	9	<80
	11/19/93	45	9	<2	220	<20	<2	<2	<2	<2	<2	<40
	2/24/94	89/77	7.7/3.9	<2/<2	270/220	<20/<20	2.9/3.3	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
	6/13/94	84	15	<2	270	<20	2.6	<2	2	<2	<2	<40
	9/9/94	97	<2	<2	160	<20	<2	<2	<2	<2	<2	<40
	12/22/94	52	17	<2	190	<20	2.1	<2	<2	<2	<2	<40
	3/14/95	53	18	<2	230	<20	<2	<2	2.9	<2	<2	<40
	6/12/95	72	28	<2	330	<20	<2	<2	3.2	<2	<2	<40
	9/6/95	60	32	<5	300	<10	<5	<5	<5	<5	<5	<10

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 2
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
 GROUNDWATER MONITORING DATA SUMMARY REPORT
 THIRD QUARTER 1995
 DOUGLAS AIRCRAFT C-6 FACILITY
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
DAC-P1	10/09/89	<200	<200	<200	17,000	<1,000	<200	<200	<200	<200	<200	<1,000
	06/17/92	<5	<5	<5	21,000	<10	13	<5	10	<5	<5	<10
	*06/23/92	4/4	<1/<1	<1/<1	28,000/28,000	<5/<5	71/70	1/2	54/51	5/5	<1/<1	<5/<5
	12/09/92	<300	<500	<500	29,000	<3,000	<500	<500	<500	<500	<500	<3,000
	03/18/93	21	<2	44	21,000	7	68	2	44	5	260	<10
	06/08/93	<200	<100	<100	28,000	<1,000	<100	<100	<100	<100	130	<2,000
	08/25/93	<400	<200	<200	27,000	<2,000	<200	<200	<200	<200	300	<4,000
	11/19/93	<40	<20	<20	24,000	<200	81	<20	52	<20	<20	<400
	2/24/94	<40	<20	<20	20,000	<200	89	<20	47	<20	<20	<400
	6/13/94	<40	<20	<20	20,000	<200	92	<20	46	<20	<20	<400
	9/9/94	<400	<200	<200	18,000	<2,000	<200	<200	<200	<200	<200	<4,000
	12/22/94	<400	<200	<200	11,000	<2,000	<200	<200	<200	<200	<200	<4,000
	3/14/95	<400	<200	<200	21,000	<2,000	<200	<200	<200	<200	<200	<4,000
	6/13/95	<400	<200	<200	18,000	<2000	<200	<200	<200	<200	<200	<4,000
	9/7/95	12	<5	<5	13,000	<10	89	<5	33	<5	53	<10
WCC-1D	07/25/89	<1	<1	<1	2	<5	1	<1	<1	<1	1	-
	08/23/89	<1	<1	1	2	<5	<1	<1	<1	<1	<1	-
	11/15/91	90	-	8	40	-	-	-	-	-	20	-
	*06/15/92	1,500/1,300	<25/<25	63/64	230/210	<50/<65	<25/<25	<25/<25	<25/<25	<25/<25	<25/<25	<50/<50
	09/22/92	180	<1	8	44	<5	2	<1	<1	<1	<1	<5
	*12/07/92	160/150	<1/<1	8/160	41/6	<5/<5	2/<1	<1/<1	1/1	<1/<1	<1/3	<5/<5
	03/16/93	200	<2	19	23	<5	3	<2	<2	<2	<2	<10
	*06/08/93	500/480	<10/<4	14/17	71/72	<100/<40	<10/<4	<10/<4	<10/<4	<10/<4	<10/<4	<200/<80
	08/24/93	540	<2	16	67	<20	3	2	<2	<2	2	<40
	11/18/93	880	<2	16	110	<20	3	3	<2	<2	<2	<40
	2/23/94	140	<2	3	14	<20	<2	<2	<2	<2	<2	<40
	6/10/94	230	<2	3.7	24	<20	<2	<2	<2	<2	<2	<40
	9/8/94	210	<2	3.6	37	<20	<2	<2	<2	<2	<2	<40
	12/22/94	600	<2	10	71	<20	2.3	2.2	<2	<2	2.2	<40
	3/13/95	240	<4	<4	38	<40	<4	<4	<4	<4	<4	<80
	6/13/95	170	<2	<2	21	<20	2	<2	<2	<2	<2	<40
	9/6/95	150	<5	<5	29	<10	<5	<5	<5	<5	<5	<10

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 2
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THIRD QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-3D	07/25/89	<1	<1	49	4	<5	11	<1	<1	<1	3	-
	08/23/89	<10	<10	32	<10	<50	<10	<10	<10	<10	<10	-
	11/14/91	20	-	60	-	-	-	-	-	-	-	-
	06/16/92	510	<5	880	23	<10	<5	<5	<5	<5	8	<10
	09/22/92	21	<1	27	2	<5	<1	<1	<1	<1	<1	<5
	12/07/92	120	<1	130	5	<5	<1	<1	1	<1	3	<5
	*03/16/93	950/1,000	6/6	2,000/2,000	50/47	<5/<5	2/2	9/9	<2/<2	<2/<2	6/6	<10/<10
	06/08/93	110	<2	110	6	<20	<2	<2	<2	<2	<2	<40
	08/24/93	120	<2	100	5	<20	<2	<2	<2	<2	3	<40
	*11/18/93	610/840	<2/<4	410/640	17/23	<20/<40	<2/4	4/4	<2/<4	<2/<4	6/8	<40/<80
	2/23/94	370/420	<4/<4	530/590	23/25	<40/<40	<4/<4	<4/<4	<4/<4	<4/<4	12/13	<80/<80
	6/13/94	720	<10	1,300	96	<100	<10	<10	<10	<10	<10	<200
	9/9/94	3,700	<50	5,600	490	<500	<50	<50	<50	<50	<50	<1,000
	12/21/94	5,200	10	6,300	540	<40	15	22	<4	8.6	5,100	<80
	*3/14/95	3,300/3,200	<40/<20	4,000/3,900	370/380	<400/<200	<40/<20	<40/<20	<40/<20	<40/<20	3,200/3,400	<800/<400
	6/13/95	1,800	<10	2,100	200	<100	<10	<10	<10	<10	1,700	<200
	9/7/95	3,400	13	4,100	520	170	60	30	<5	13	4,700	<10

Notes: ug/l = micrograms per liter

1,1-DCE = Dichloroethene

1,1-DCA = Dichloroethane

1,1,1-TCA = 1,1,1-Trichloroethane

TCE = Trichloroethene

MIBK = Methyl Isobutyl ketone

cis-1,2,-DCE = cis-1,2-Dichloroethene

trans-1,2-DCE = trans-1,2-Dichloroethene

MEK = Methyl ethyl ketone

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
THIRD QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetrachloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-1S	03/27/87	-	-	-	-	-	-	-	-	-	-
	*04/13/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-
	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/18/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<300	-	-	-	-	-	-	-	-	-
	09/23/92	<5	<1	<1	4	<1	<1	<1	22	<1	<1
	12/09/92	<100	<30	<30	40	<30	<30	<30	<30	<30	<30
	03/18/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/08/93	<400	<20	<20	<100	<20	<20	<20	<20	<20	<20
	08/25/93	<400	<20	<20	<40	<20	<40	<20	<20	<20	<20
	11/19/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	2/24/94	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	6/13/94	<200	<30	<10	<50	<10	<20	<10	<10	<10	<10
	9/9/94	<800	<120	<40	<200	<40	<80	<40	<40	<40	<40
	12/22/94	<400	<40	<20	<100	<20	<40	<20	<20	<20	<20
	3/14/95	<400	<40	<20	<100	<20	<40	<20	<20	<20	<20
	6/13/95	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	9/7/95	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
THIRD QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-2S	11/02/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-
	7/13/89	-	-	-	-	-	-	-	-	-	-
	8/23/89	-	-	-	-	-	-	-	-	-	-
	11/19/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	<10	-	-	-	-	-	-	-	-	-
	*09/22/92	<5/<5	<1/<1	<1/1	11/9	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	*12/08/92	6/<5	<1/<1	<1/<1	5/2	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	*03/17/93	<10/<10	<2/<2	<5/<5	<10/<10	<5/<5	<2/<2	<2/<2	<5/<5	<2/<2	<2/<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	6/10/94	<40	<6	<2	<20	<2	<4	<2	<2	<2	<2
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	12/22/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/13/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	6/12/95	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	9/6/95	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5
WCC-3S	11/02/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-
	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/14/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<30,000	-	-	-	-	-	-	-	-	-
	09/23/92	<3,000	<500	<500	900	<500	<500	<500	<500	<500	<500
	12/09/92	<3,000	<500	<500	<500	<500	<500	<500	<500	<500	<500
	*03/18/93	<50/<50	120/110	<25/<25	<50/<50	<25/<25	55/60	<10/<10	<25/<25	<10/<10	100/95
	06/08/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	*08/25/93	<8,000/<200	<400/154	<400/<10	<800/<50	<400/<10	<800/52	<400/<10	<400/<10	<400/21	<400/86
	11/19/93	<4,000	<200	<200	<1,000	<200	<200	<200	<200	<200	<200
	2/24/94	<4,000	<200	<200	<1,000	<200	<400	<200	<200	<200	<200
	6/13/94	<4000	<600	<200	<1000	<200	<400	<200	<200	<200	<200
	*9/9/94	<10000/<1000	<1500/1500	<500/<500	<2500/<2500	<500/<500	<1000/<1000	<500/<500	<500/<500	<500/<500	<500/<500
	12/22/94	<4,000	<400	<200	<1,000	<200	<400	<200	<200	<200	<200
	3/14/95	<4,000	<400	<200	<1,000	<200	<400	<200	<200	<200	<200
	6/13/95	<8,000	<400	<400	<2,000	<400	<800	<400	<400	<400	<400
	9/7/95	39	137	<5	23	<5	64	<5	<5	18	99

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 3
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
 GROUNDWATER MONITORING DATA SUMMARY REPORT
 THIRD QUARTER 1995
 DOUGLAS AIRCRAFT C-6 FACILITY
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-4S	11/02/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-
	7/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/18/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<150	-	-	-	-	-	-	-	-	-
	09/23/92	<50	<10	<10	20	<10	<10	<10	<10	<10	<10
	12/08/92	<50	<10	<10	50	<10	<10	<10	<10	<10	<10
	03/17/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/08/93	<200	<10	<10	<40	<10	<20	<10	<10	<10	<10
	08/25/93	<200	<10	<10	<20	<10	<20	<10	<10	<10	<10
	11/19/93	<80	<4	<4	<20	<4	<8	<4	<4	<4	<4
	2/24/94	<80	<4	<4	<20	<4	<8	<4	<4	<4	<4
	6/13/94	<80	<12	<4	<20	<4	<8	<4	<4	<4	<4
	9/9/94	<400	<60	<20	<100	<20	<40	<20	<20	<20	<20
	12/22/94	<200	<20	<10	<50	<10	<20	<10	<10	<10	<10
	3/14/95	<80	<8	<4	<20	<4	<8	<4	<4	<4	<4
	6/13/95	<130	<6.6	<6.6	<33	<6.6	<13	<6.6	<6.6	<6.6	<6.6
	9/7/95	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5
WCC-5S	11/30/87	-	-	-	-	-	-	-	-	-	-
	01/08/88	-	-	-	-	-	-	-	-	-	-
	*07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/19/91	-	-	-	-	-	-	-	-	-	-
	06/15/92	<10	-	-	-	-	-	-	-	-	-
	09/21/92	<5	<1	<1	3	8	<1	<1	<1	<1	<1
	12/07/92	<5	<1	<1	<1	3	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<2	<5	<10	<5	<2	<2	<5	<2
	06/07/93	<40	<2	<2	<2	<4	<2	<2	<4	<2	<2
	08/24/93	<40	<2	<2	<2	<4	<2	<4	<2	<2	<2
	11/18/93	<40	<2	<2	<2	<10	<2	<4	<2	<2	<2
	2/23/94	<40	<2	<2	<2	<10	<2	<4	<2	<4	<2
	*6/10/94	<40<40	<6<6	<2<2	<20<20	<2<2	<4<4	<2<2	<2<2	<2<2	<2<2
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	12/21/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/13/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	6/12/95	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	9/6/95	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 3
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GROUNDWATER MONITORING DATA SUMMARY REPORT
THIRD QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-6S	10/06/89	-	-	-	-	-	-	-	-	-	-
	11/16/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<3,000	-	-	-	-	-	-	-	-	-
	09/23/92	78	26	<1	5	<1	96	<1	<1	5	5
	*12/09/92	<300/<500	<50/<100	<50/<100	100/200	<50/<100	60/<100	<50/<10	<50/<100	<50/<10	<80/<10
	03/17/93	<50	20	<25	<50	<25	<10	<10	<25	<10	50
	06/08/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	08/25/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	11/19/93	<200	<10	<10	<50	<10	<20	<10	<10	<10	37
	2/24/94	230	58	<10	<50	<10	74	<10	<10	10	47
	*6/13/94	<200/<2000	51/<300	<50/<100	<50/<500	<10/<100	69/<200	<10/<100	<10/<10	<10/<100	41/<100
	9/9/94	Not sampled; well head obstructed.									
	12/22/94	<4,000	<400	<200	<1,000	<200	<400	<200	<200	<200	<200
	3/14/95	<400	<40	<20	<100	<20	<40	<20	<20	<20	26
	6/13/95	<400	<20	<20	<100	<20	60	<20	<20	<20	51
	*9/7/95	<10/<10	21/23	<5/<5	<5/<5	<5/<5	48/52	<5/<5	<5/<5	<5/<5	39/55
WCC-7S	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/18/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<30	-	-	-	-	-	-	-	-	-
	09/23/92	<30	<5	<5	10	<5	<5	<5	<5	<5	<5
	12/08/92	<30	<5	<5	10	<5	<5	<5	<5	<5	<5
	03/17/93	<10	<5	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<4	<2	<2
	08/25/93	<80	<4	<4	31	<4	<8	<4	<4	<4	<4
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	6/13/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	12/22/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/14/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	*6/13/95	<40/<40	<2/<2	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	8.7/37	<2/<2	<2/<2
	9/7/95	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

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THIRD QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-8S	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/15/91	-	-	-	-	-	-	-	-	-	-
	*06/17/92	<150/<300	-	-	-	-	-	-	-	-	-
	09/23/92	<100	<20	<20	40	<20	<20	<20	<20	<20	<20
	12/08/92	<100	<20	<20	30	<20	<20	<20	<20	<20	<20
	03/17/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/08/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	08/25/93	<400	<20	<20	<40	<20	<40	<20	<20	<20	<20
	11/19/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	2/24/94	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	6/13/94	<800	<120	<40	<200	<40	<80	<40	<40	<40	<40
	9/9/94	<1000	<150	<50	<250	<50	<100	<50	<50	<50	<50
	12/22/94	<400	<40	<20	<100	<20	<40	<20	<20	<20	<20
	3/14/95	<800	<80	<40	<200	<40	<80	<40	<40	<40	<40
	6/13/95	<800	<40	<40	<200	<40	<80	<40	<40	<40	<40
	9/7/95	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5
WCC-9S	10/06/89	-	-	-	-	-	-	-	-	-	-
	11/19/91	-	-	-	-	-	-	-	-	-	-
	06/15/92	<30	-	-	-	-	-	-	-	-	-
	09/21/92	<5	<1	<1	10	<1	<1	<1	<1	<1	<1
	12/07/92	<5	<1	<1	3	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	*06/07/93	<40/<40	<2/<2	<2/<2	<4/<4	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/18/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	6/10/94	<40	<6	<2	<20	<2	<4	<2	<2	<2	<2
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	*12/21/94	<40/<40	<4/<4	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	3/13/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	*6/12/95	<40/<40	<2/<2	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	9/6/95	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 3
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
 GROUNDWATER MONITORING DATA SUMMARY REPORT
 THIRD QUARTER 1995
 DOUGLAS AIRCRAFT C-6 FACILITY
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-10S	*07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/20/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	35	-	-	-	-	-	-	-	-	-
	*09/21/92	<5/<5	<1/<1	<1/<1	8/8	1/1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	12/8/92	<5	<1	<1	3	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/25/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	6/10/94	<40	<6	<2	<20	<2	<4	<2	<2	<2	<2
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	*12/22/94	<40/<40	<4/<4	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	*3/13/95	<40/<40	<4/<4	<2/<2	<10/<10	<2/<2	<4/<4	2.4/<2	<2/<2	<2/<2	<2/<2
	6/12/95	<40	<2	<2	<10	<2	<4	<2	17	<2	<2
	9/6/95	<10	<5	<5	<5	<5	<5	<5	14	<5	<5
WCC-11S	11/15/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	<10	-	-	-	-	-	-	-	-	-
	09/21/92	<5	<1	2	9	<1	<1	<1	<1	<1	<1
	12/08/92	<5	<1	<1	4	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	*11/19/93	<40/<40	<2/<2	<2/<4	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	6/10/94	<40	<6	<2	<20	<2	<4	<2	<2	<2	<2
	*9/8/94	<40/<40	<6/<6	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	12/21/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/13/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	6/12/95	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	*9/6/95	<10/<10	<5/<5	<5/<5	<5/<5	<5/<5	<5/<5	<5/<5	<5/<5	<5/<5	<5/<5

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 3
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
 GROUNDWATER MONITORING DATA SUMMARY REPORT
 THIRD QUARTER 1995
 DOUGLAS AIRCRAFT C-6 FACILITY
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-12S	11/18/91	-	-	-	-	-	-	-	-	-	-
	*06/16/92	<10<10	-	-	-	-	-	-	-	-	-
	09/22/92	<5	<1	4	7	<1	<1	<1	<1	<1	<1
	12/08/92	<30	<5	<5	20	<5	<5	<5	<5	<5	<5
	03/17/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<4	<2
	08/25/93	<80	<4	<4	<8	<4	<8	<4	<4	<2	<2
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40<40	<2<2	<2<2	<10/<10	<2<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	6/13/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	9/9/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	12/22/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/14/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	6/12/95	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	9/6/95	<10	<5	<5	<5	<5	<5	<5	33	<5	<5
DAC-P1	10/09/89	<1,000	-	-	-	-	-	-	-	-	-
	06/17/92	<30	-	-	-	-	-	-	-	-	-
	*06/23/92	<5/<5	<1/<1	1/1	4/4	4/4	9/9	13/13	<1/<1	<1/<1	<1/<1
	12/09/92	<3,000	<500	<500	2,000	<500	<500	<500	<500	<500	<500
	03/18/93	<10	<2	<5	<10	<5	5	10	<5	<2	<2
	06/08/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	08/25/93	<4,000	<200	<200	<400	<200	<400	<200	<200	<200	<200
	11/19/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	2/24/94	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	6/13/94	<400	<60	<20	<100	<20	<40	<20	<20	<20	<20
	9/9/94	<4000	<600	<200	<1000	<200	<400	<200	<200	<200	<200
	12/22/94	<4,000	<400	<200	<1,000	<200	<400	<200	<200	<200	<200
	3/14/95	<4,000	<400	<200	<1,000	<200	<400	<200	<200	<200	<200
	6/13/95	<4,000	<200	<200	<1,000	<200	<400	<200	<200	<200	<200
	9/7/95	<10	<5	<5	<5	<5	<5	17	<5	<5	<5

1 * Duplicate sample also analyzed. 2 - Not Detected (Detection Limit not specified)

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
THIRD QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-1D	07/25/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/15/91	-	-	-	-	-	-	-	-	-	-
	*06/15/92	<50/<50	-	-	-	-	-	-	-	-	-
	09/22/92	<5	<1	4	11	<1	<1	<1	<1	<1	<1
	*12/07/92	<5/<5	<1/<1	<1/<1	2/2	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	*06/08/93	<200/<80	<10/<4	<10/<4	<20/<10	<10/<4	<20/<8	<10/<4	<10/<4	<10/<4	<10/<4
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/18/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	6/10/94	<40	<6	<2	<20	<2	<4	<2	<2	<2	<2
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	12/22/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/13/95	<80	<8	<4	<20	<4	<8	<4	<4	<4	<4
	6/13/95	<40	<2	<2	<10	<2	<4	<2	3.1	<2	<2
	9/6/95	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5
WCC-3D	07/25/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/14/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	<30	-	-	-	-	-	-	-	-	-
	09/22/92	<5	<1	1	8	<1	<1	<1	<1	<1	<1
	12/07/92	<5	<1	<1	1	<1	<1	<1	<1	<1	<1
	*03/16/93	<10/<10	<2/<2	<5/<5	<10/<10	<5/<5	<2/<2	<2/<2	<5/<5	<2/<2	<2/<2
	06/08/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	*11/18/93	<40/<80	<2/<4	<2/<4	<10/<20	<2/<4	<4/<8	<2/<4	<2/<4	<2/<4	<2/<4
	2/23/94	<80	<4	<4	<20	<4	<8	<4	<4	<4	<4
	6/13/94	<200	<30	<10	<50	<10	<20	<10	<10	<10	<10
	9/9/94	<1000	<150	<50	<250	<50	<100	<50	<50	<50	<50
	12/21/94	<80	<8	<4	<20	<4	29	<4	<4	<4	<4
	*3/14/95	<800/<400	<80/<40	<40/<20	<200/<100	<40/<20	<80/<40	<40/61	<40/<20	<40/<20	<40/<20
	6/13/95	<200	<10	<10	<50	<10	<20	<10	<10	<10	<10
	9/7/95	<10	8	<5	<5	<5	35	<5	<5	<5	6

Notes: ug/l = micrograms per liter

PCE = Tetrachloroethene

1,1,2-TCA=1,1,2-Trichloroethane

1,2-DCA = 1,2-Dichloroethane

TABLE 4

Page 1 of 2

SUMMARY OF GROUNDWATER ELEVATION DATA
 THIRD QUARTER 1995
 DOUGLAS AIRCRAFT C-6 FACILITY
 TORRANCE, CALIFORNIA
 KJ 944016.01

Observation Well	Reference Point ¹ Elevation (Feet Above MSL) ²	Water Level Elevation (Feet Above Mean Sea Level)										
		4/9/93	6/7/93	8/24/93	11/18/93	2/23/94	6/10/94	9/8/94	12/21/94	3/13/95	6/12/95	9/20/95
WCC-1S	50.7	-18.79	-18.75	-18.25	-18	-17.61	-17.23	-17.25	-17.12	-17.12	-16.53	-16.27
WCC-2S	50.59	-18.64	-18.63	-18.15	-17.87	-17.49	-17.07	-17.2	-17.17	-17.08	-16.37	-16.19
WCC-3S	51.19	-18.83	-18.82	-18.36	-18.01	-17.67	-17.19	-17.31	-17.28	-17.22	-16.58	-16.37
WCC-4S	49.69	-18.86	-18.78	-18.37	-18.16	-17.77	-17.32	-17.37	-17.31	-17.23	-16.61	-16.38
WCC-5S	48.22	-18.83	-18.78	-18.38	-18.13	-17.78	-17.33	-17.33	-17.25	-17.19	-16.56	-16.35
WCC-6S	50.95	-19.03	-18.97	-18.55	-18.32	-17.92	-17.48	NM*	-17.45	-17.36	16.75	-16.64 ⁷
WCC-7S	48.29	-19.3	-19.23	-18.83	-18.6	-18.22	-17.82	-17.8	-17.74	-17.54	-17.03	-16.82
WCC-8S	50.56	-18.69	-18.61	-18.19	-17.89	-17.49	-17.11	-17.14	-17.12	-17.29	-16.42	-16.16
WCC-9S	47.01	-19.09	-19.09	-18.69	-18.42	-18.09	-18.63	-19.08	-17.51	-17.41	-16.79	-16.64
WCC-10S	51.12	-18.42	-18.33	-17.83	-17.54	-17.07	-16.67	-17.03	-16.97	-16.56	-16.05	-15.89
WCC-11S	49.97	-18.13	-18.04	-17.6	-17.36	-16.96	-16.45	-16.58	-16.63	-16.48	-15.83	-15.59
WCC-12S	46.92	-19.26	-19.2	-18.78	-18.58	-18.13	-17.74	-17.79	-17.67	-17.63	-17.00	-16.79
DAC-P1	52.44	-17.46	-17.38	-17.03	-16.76	-16.74	-16.6	-16.48	-16.25	-16.41	-15.94	-15.66
WCC-1D	50.45	-19.1	-19	-18.53	-18.34	-17.83	-17.47	-17.66	-17.55	-17.36	-16.79	-16.60
WCC-3D	51.18	-18.87	-18.85	-18.4	-18.18	-18	-17.39	-17.47	-17.42	-17.27	-16.67	-16.47
MW-8 ⁶	49.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9 ⁶	48.67	NA	-20.58	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18 ⁶	50.29	NA	-20.88	NA	NA	NA	NA	NA	NA	NA	-18.91	NA
MW-19 ⁶	46.55	NA	-20.13	NA	NA	NA	NA	NA	NA	NA	-18.06	NA

Notes:

- 1. Reference point is north side, top of well casing
- 2. Reference point elevation measured by Hargis + Associates, Inc.
- 3. Data taken from Woodward-Clyde Consultants Phase II Report, May 1988.
- 4. Data taken from Woodward-Clyde Consultants Phase III Report, March 1990.
- 5. NA - Not Available - No access to offsite wells.
- 6. Installed by Hargis + Associates, Inc. for Montrose Chemical Corporation
- 7. Well WCC-6S could not be opened on 20 September 1995. The water level elevation shown was measured on 6 September 1995.

* Water Level Elevation not measured due to wellhead obstructions.

TABLE 4

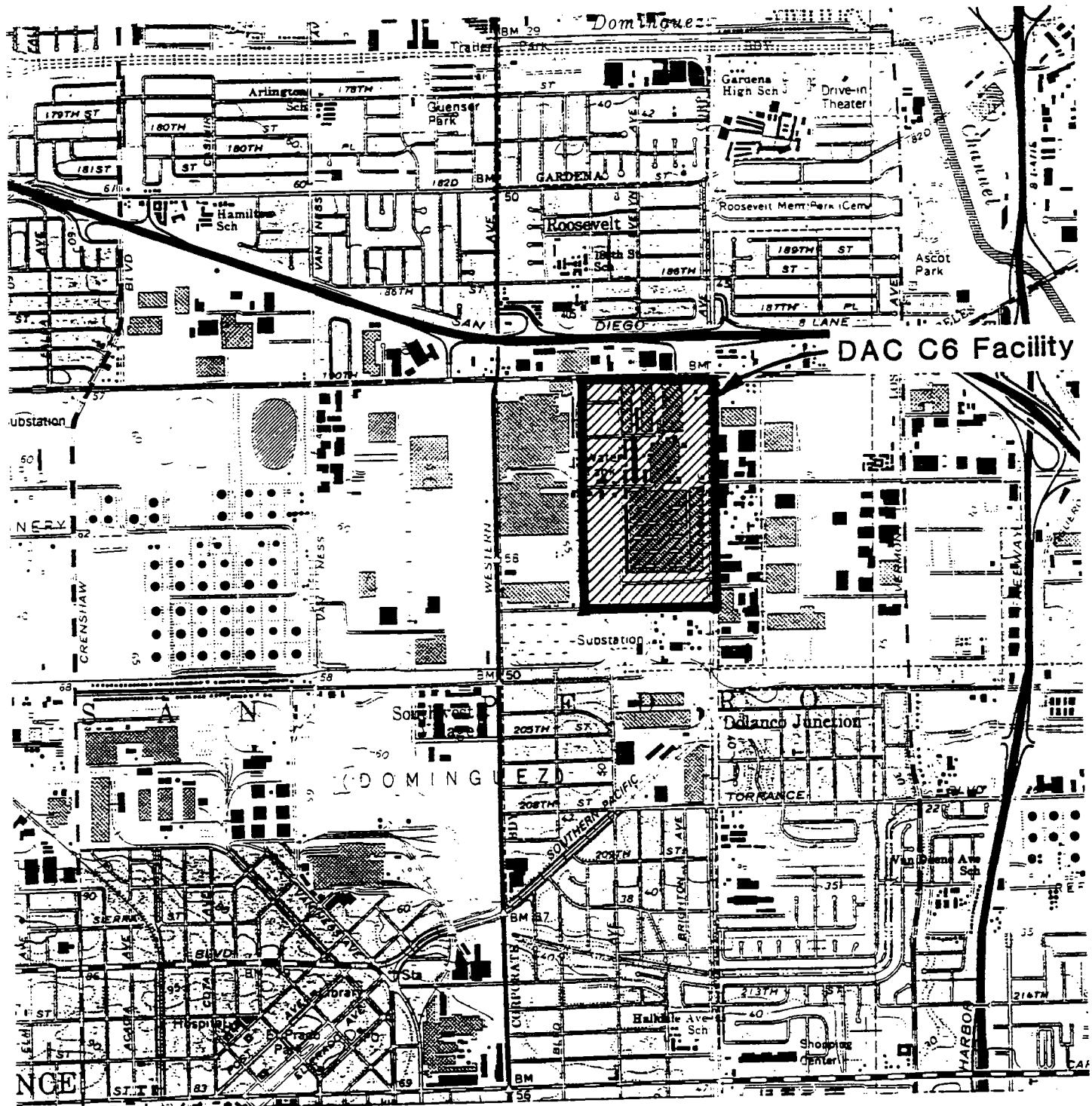
SUMMARY OF GROUNDWATER ELEVATION DATA
 GROUNDWATER MONITORING DATA SUMMARY REPORT
 THIRD QUARTER 1995
 DOUGLAS AIRCRAFT C-6 FACILITY
 TORRANCE, CALIFORNIA
 K/J 944016.01

Observation Well	Reference Point ¹ Elevation (Feet Above MSL) ²	Water Level Elevation (Feet Above Mean Sea Level)				
		11/13/87 ³	10/18/89 ⁴	6/15/92	9/21/92	1/5/93
WCC-1S	50.7	-21.63	-19.48	-19.2	-19.42	-19.34
WCC-2S	50.59	-19.72	-19.06	-19.15	-19.41	-19.51
WCC-3S	51.19	-21.56	-19.42	-19.24	-19.52	-19.73
WCC-4S	49.69	-21.77	-19.59	-19.22	-19.49	-19.34
WCC-5S	48.22	NA5	-19.7	-19.13	-19.42	-19.32
WCC-6S	50.95	NA	-19.7	-19.4	-19.64	-19.5
WCC-7S	48.29	NA	-20.07	-19.63	-19.93	-19.76
WCC-8S	50.56	NA	-19.35	-19.11	-19.34	-19.19
WCC-9S	47.01	NA	-20.07	-19.44	-19.66	-19.56
WCC-10S	51.12	NA	-18.42	-18.94	-19.33	-19.1
WCC-11S	49.97	NA	NA	-17.62	-18.81	-18.69
WCC-12S	46.92	NA	NA	-19.6	-19.9	-19.74
DAC-P1	52.44	NA	NA	-17.76	-17.88	-18.02
WCC-1D	50.45	NA	-19.51	-19.55	-19.92	-19.61
WCC-3D	51.18	NA	-19.38	-19.39	-19.71	-20.52
MW-8 ⁶	49.09	NA	NA	NA	NA	NA ⁵
MW-9 ⁶	48.67	NA	NA	NA	NA	NA
MW-18 ⁶	50.29	NA	NA	NA	NA	NA
MW-19 ⁶	46.55	NA	NA	NA	NA	NA

Notes:

1. Reference point is north side, top of well casing
2. Reference point elevation measured by Hargis + Associates, Inc.
3. Data taken from Woodward-Clyde Consultants Phase II Report, May 1988.
4. Data taken from Woodward-Clyde Consultants Phase III Report, March 1990.
5. NA - Not Available - No access to offsite wells.
6. Installed by Hargis + Associates, Inc. for Montrose Chemical Corporation
7. Well WCC-6S could not be opened on 20 September 1995. The water level elevation shown was measured on 6 September 1995.
- * Water Level Elevation not measured due to wellhead obstructions.

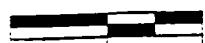
FIGURES



Kennedy/Jenks Consultants

Douglas Aircraft Company
C6 Facility

Site Vicinity Map



1,000 2,000 FEET

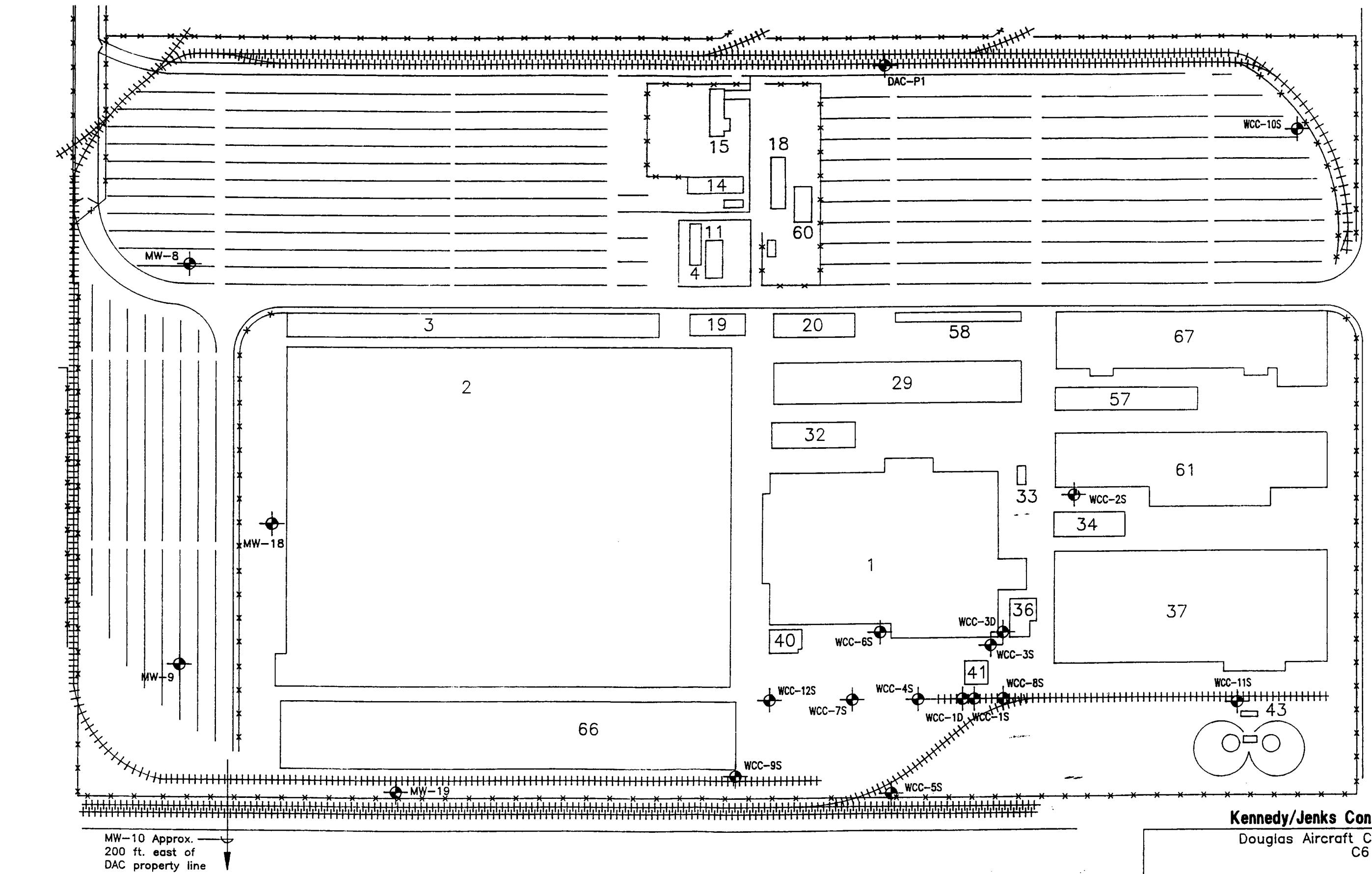
Base Map: U.S.G.S. 7.5 Minute Topographic Map,
Torrance, California Quadrangle, 1981.

October 1995
K/J 944016.01

Figure 1

BOE-C6-0065991

190 TH. ST.



NORMANDIE AVE.

LEGEND

WCC-1S Observation Well Location, Designation

NOTE: 1) Wells MW-8,-9,-10,-18, and -19 Installed
by Montrose Chemical Corporation

Kennedy/Jenks Consultants

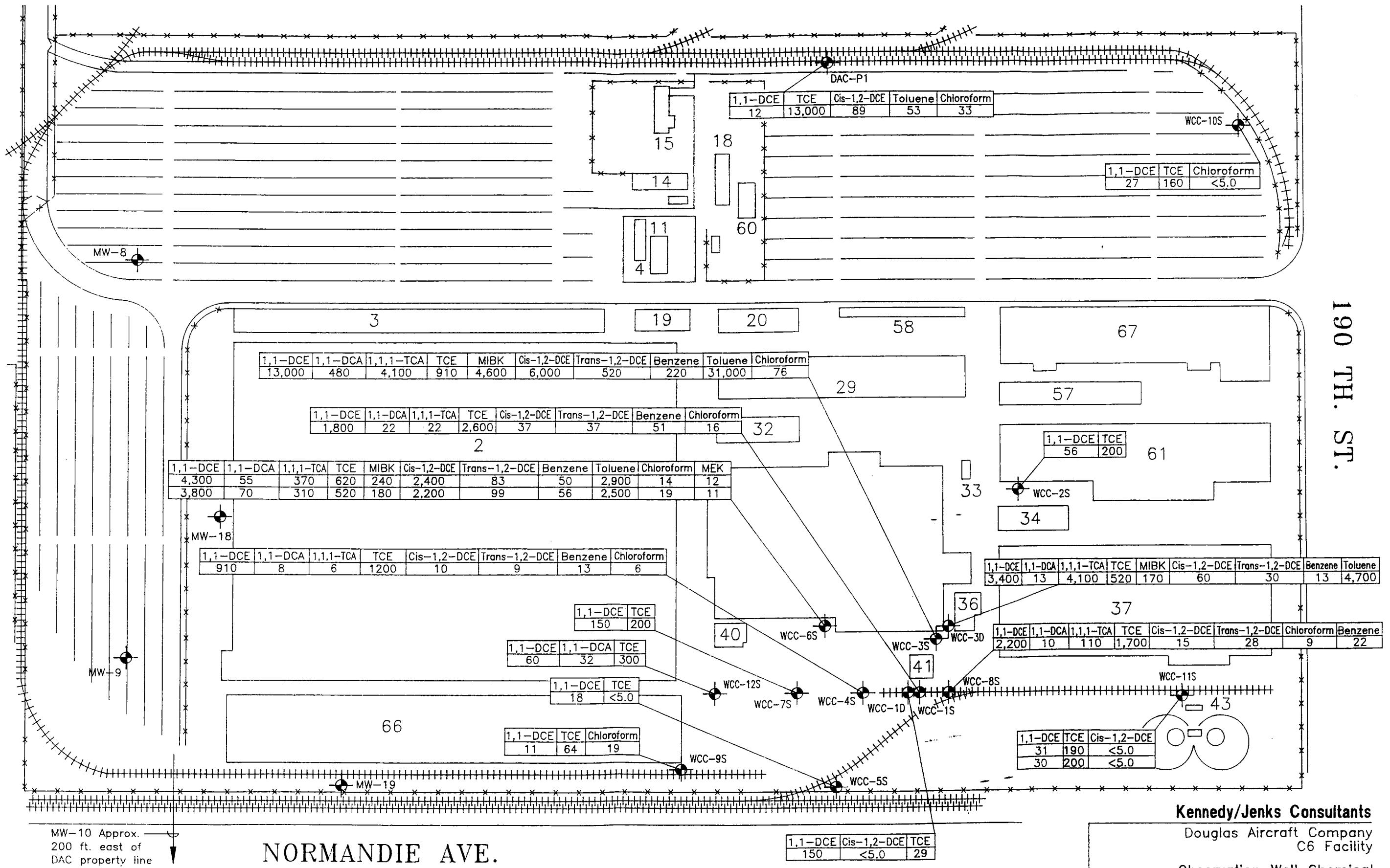
Douglas Aircraft Company
C6 Facility

Groundwater Observation Well
Locations

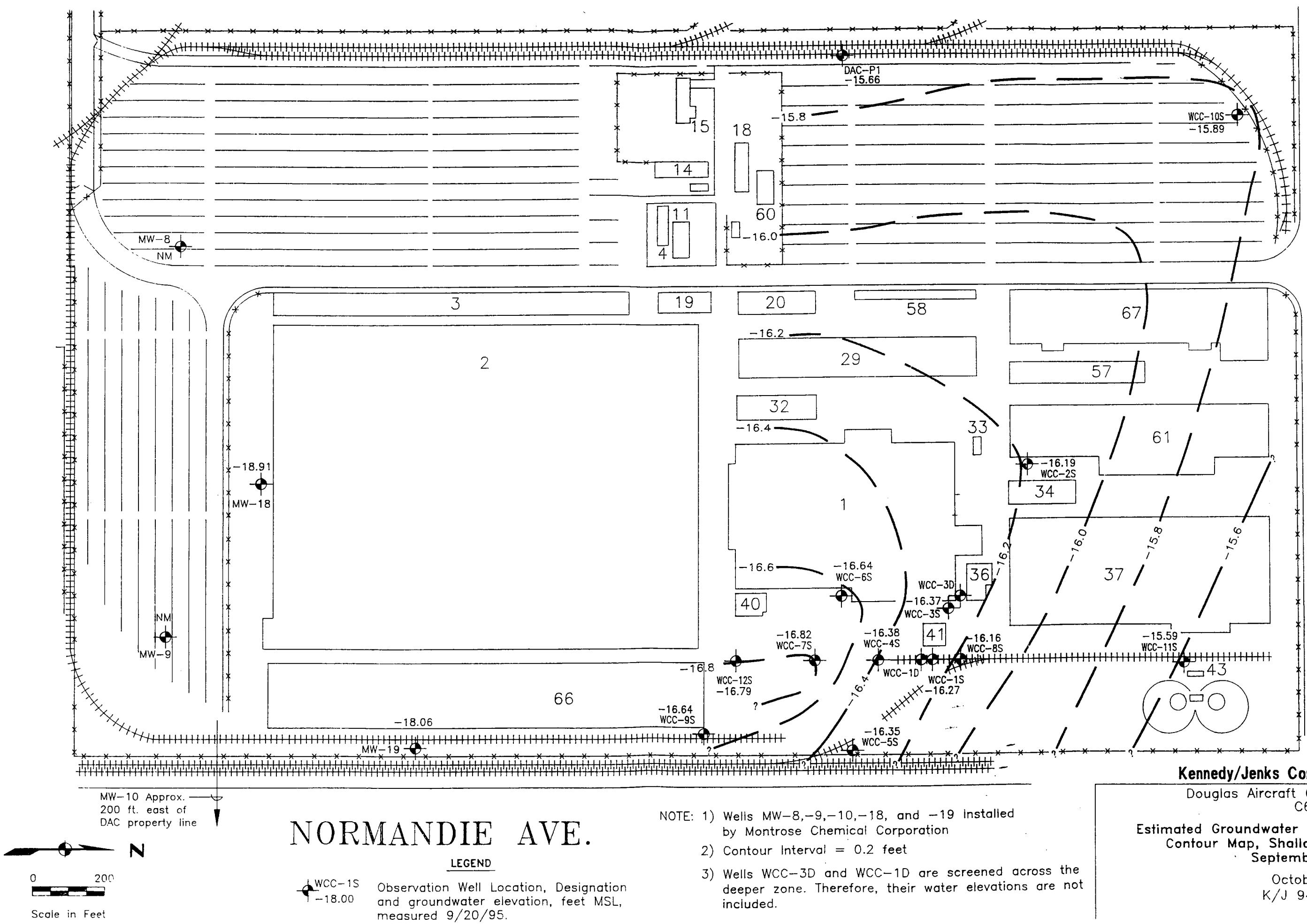
October 1995
K/J 944016.01

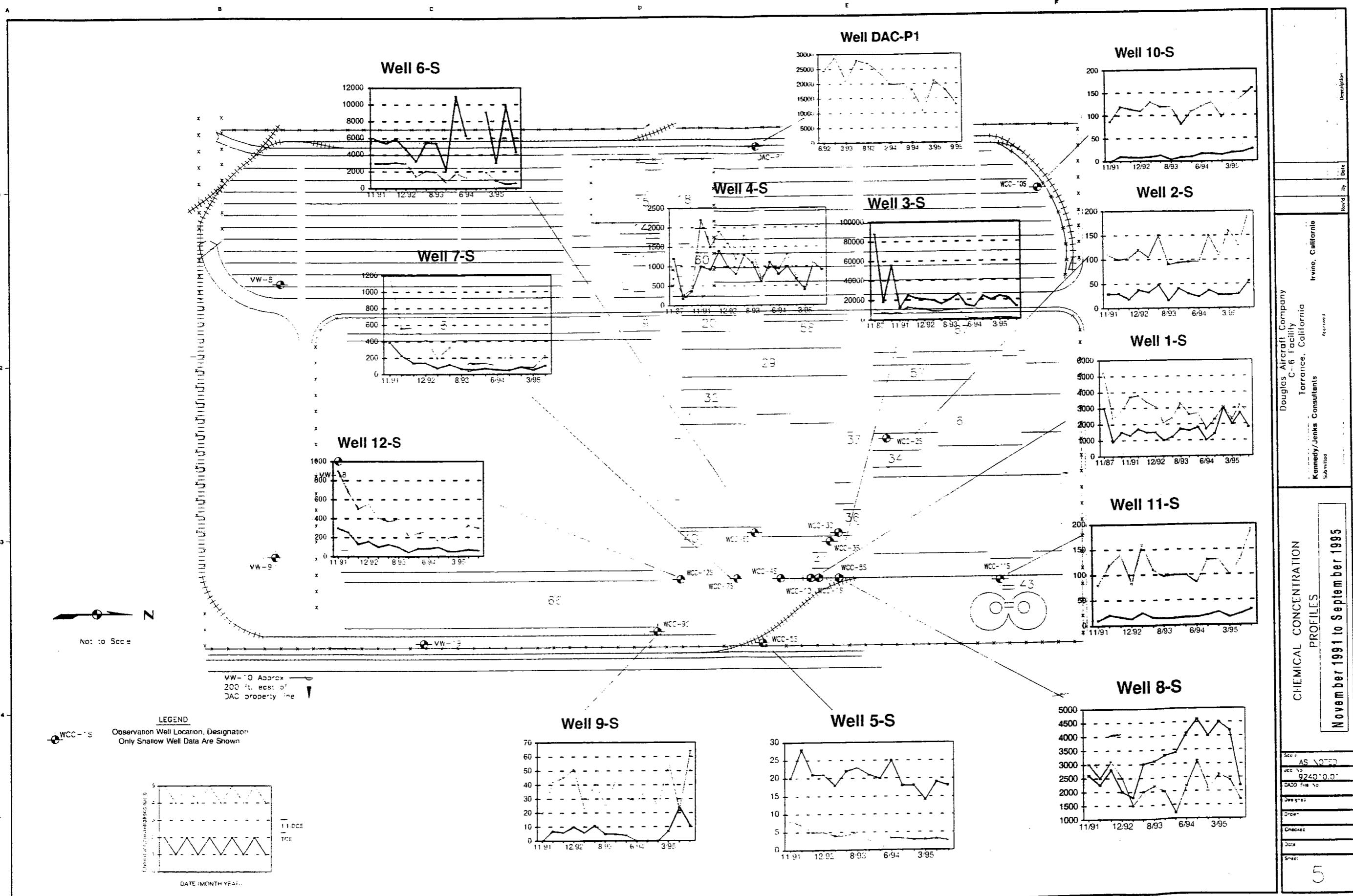
Figure 2

190 TH. ST.



190 TH. ST.





APPENDIX A
LABORATORY DATA SHEETS



Since 1878

Curtis & Tompkins, Ltd. General Analytical Laboratories

2495 Da Vinci, Irvine CA 92714

Phone 714-252-9700

Fax 714-252-9701

LABORATORY REPORT

Laboratory Number: 212809

Page 1 of 23

Date Received: 09/07/95

Date Reported: 09/19/95

Date Amended: 09/28/95

Issued To: KENNEDY/JENKS
2151 MICHELSON DR.
SUITE 100
IRVINE, CA 92715
ATTN: SARAH BARTLING

Project I.D.: 944016.00

Location: DAC

Report On: ELEVEN LIQUID SAMPLES ANALYZED AS SPECIFIED ON ATTACHED CHAIN OF CUSTODY

This report certifies that the samples were received in good condition (i.e. intact, chilled, and/or preserved appropriately) and that strict chain of custody procedures were adhered to at all times. It further certifies that the methods of analysis used are in fact those listed within this report and that Curtis & Tompkins, Ltd. has current certification for all work performed in the laboratory. Exceptions to this statement are specifically noted in the analytical report or on the attached chain of custody.

Reviewed By:

Berkeley

Irvine



Since 1878

Curtis & Tompkins, Ltd. General Analytical Laboratories

2495 Da Vinci, Irvine CA 92714

Phone 714-252-9700

Fax 714-252-9701

LABORATORY REPORT

Laboratory Number: 212803

Page 1 of 17

Date Received: 09/06/95

Date Reported: 09/19/95

Date Amended: 09/28/95

Issued To: KENNEDY/JENKS
2151 MICHELSON DR.
SUITE 100
IRVINE, CA 92715
ATTN: SARAH BARTLING

Project I.D.: 944016.00

Location: DAC

Report On: EIGHT LIQUID SAMPLES ANALYZED AS SPECIFIED ON ATTACHED CHAIN OF CUSTODY

This report certifies that the samples were received in good condition (i.e. intact, chilled, and/or preserved appropriately) and that strict chain of custody procedures were adhered to at all times. It further certifies that the methods of analysis used are in fact those listed within this report and that Curtis & Tompkins, Ltd. has current certification for all work performed in the laboratory. Exceptions to this statement are specifically noted in the analytical report or on the attached chain of custody.

Reviewed By:

Berkeley

Irvine

VOLATILE ORGANICS



Client I.D.: WCC1S-12

Matrix: Liquid

Laboratory I.D.: 212809-004

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

Page

8 of 23

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	a - Result from 1:50 dilution.
Benzene	51	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	16	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	22	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	1800	250	a	ND	5	
cis-1,2-Dichloroethene	37	5		ND	5	
trans-1,2-Dichloroethene	37	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropene	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	Sample Method Blank
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	Date Sampled: 9/07/95 N/A
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	Date Analyzed: 9/13/95 9/13/95
Styrene	ND	5		ND	5	

(continued on next page)

VOLATILE ORGANICS

Client I.D.: WCC1S-12

Laboratory I.D.: 212809-004

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - Result from 1:50 dilution.
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	22	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	2600	250	a	ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike	Percent	QC	Batch I.D.: 8758AIC		Sample I.D.: 212768-009							
	Amount	Recovery	Limits	Compounds	Spike	LCS	QC	Spike	Spk Dup	QC	RPD	QC	Limits
Toluene-d8	50	96	80-120	1,1-Dichloroethene	25	90	80-120	85	87	61-145	2	14	
Bromofluorobenzene	50	86	81-117	Benzene	25	109	80-120	105	105	76-127	<1	11	
Dibromofluoromethane	50	116	74-121	Trichloroethene	25	87	80-120	87	86	71-120	1	14	
				Toluene	25	103	80-120	101	102	76-125	1	13	
				Chlorobenzene	25	104	80-120	107	104	75-130	3	13	

VOLATILE ORGANICS



Client I.D.: WCC2S-12

Laboratory I.D.: 212803-005

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	
Benzene	ND	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	ND	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	ND	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	56	5		ND	5	
cis-1,2-Dichloroethene	ND	5		ND	5	
trans-1,2-Dichloroethene	ND	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

Sample	Method Blank	
Date Sampled:	9/06/95	N/A
Date Analyzed:	9/12/95	9/11/95

VOLATILE ORGANICS



Client I.D.: WCC2S-12

Matrix: Liquid

Laboratory I.D.: 212803-005

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - High surrogate recovery due to matrix effect (confirmed by reanalysis 09/12/95).
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	200	5		ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8734AIA		Sample I.D.: 212803-001							
	Compounds	Spike Amt. (ug/L)	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits				
Toluene-d8	50	97	80-120	1,1-Dichloroethene	25	106	80-120	93	92	61-145	1	14	
Bromofluorobenzene	50	95	81-117	Benzene	25	99	80-120	98	96	76-127	2	11	
Dibromofluoromethane	50	126-a	74-121	Trichloroethene	25	103	80-120	111	104	71-120	6	14	
				Toluene	25	94	80-120	90	92	76-125	2	13	
				Chlorobenzene	25	103	80-120	96	100	75-130	4	13	

VOLATILE ORGANICS

Client I.D.: WCC3S-12

Laboratory I.D.: 212809-006

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	39	10		ND	10	a - Result from 1:20 dilution.
Benzene	220	100	a	ND	5	b - Result from 1:100 dilution.
Bromobenzene	ND	5		ND	5	c - Result from 1:250 dilution.
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	200	a	ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	76	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	480	100	a	ND	5	
1,2-Dichloroethane	99	5		ND	5	
1,1-Dichloroethene	13000	500	b	ND	5	
cis-1,2-Dichloroethene	6000	500	b	ND	5	
trans-1,2-Dichloroethene	520	100	a	ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	18	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	200	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	23	5		ND	5	
4-Methyl-2-pentanone	4600	1000	b	ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

Sample	Method Blank	
Date Sampled:	9/07/95	N/A
Date Analyzed:	9/13/95	9/13/95

VOLATILE ORGANICS

Client I.D.: WCC3S-12
 Laboratory I.D.: 212809-006
 Client: KENNEDY/JENKS

Matrix: Liquid
 Method: EPA 8260
 Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - Result from 1:20 dilution.
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	b - Result from 1:100 dilution.
Toluene	31000	1250	c	ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	c - Result from 1:250 dilution.
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	4100	500	b	ND	5	
1,1,2-Trichloroethane	64	5		ND	5	d - High surrogate recovery due to suspected sample matrix effect.
Trichloroethene	910	100	a	ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	100	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	44	5		ND	5	
m,p-Xylenes	93	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data								
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8758AIC		Sample I.D.: 212768-009						
				Compounds (ug/L)	Spike Amt.	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits
Toluene-d8	50	123-d	80-120	1,1-Dichloroethene	25	90	80-120	85	87	61-145	2	14
Bromofluorobenzene	50	129-d	81-117	Benzene	25	109	80-120	105	105	76-127	<1	11
Dibromofluoromethane	50	95	74-121	Trichloroethene	25	87	80-120	87	86	71-120	1	14
				Toluene	25	103	80-120	101	102	76-125	1	13
				Chlorobenzene	25	104	80-120	107	104	75-130	3	13



VOLATILE ORGANICS

Client I.D.: WCC4S-12

Matrix: Liquid

Laboratory I.D.: 212809-003

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	a - Result from 1:20 dilution.
Benzene	13	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	6	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	8	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	910	100	a	ND	5	
cis-1,2-Dichloroethene	10	5		ND	5	
trans-1,2-Dichloroethene	9	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	Sample Method Blank
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	Date Sampled: 9/07/95 N/A
Naphthalene	ND	5		ND	5	Date Analyzed: 9/13/95 9/13/95
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

VOLATILE ORGANICS



Client I.D.: WCC4S-12

Matrix: Liquid

Laboratory I.D.: 212809-003

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - Result from 1:20 dilution.
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	6	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethylene	1200	100	a	ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Compound	Surrogate Recovery Data			Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8758AIC					Sample I.D.: 212768-009				
				Compounds	Spike Amt.	LCs %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits	
Toluene-d8	50	97	80-120	1,1-Dichloroethene	25	90	80-120	85	87	61-145	2	14	
Bromofluorobenzene	50	93	81-117	Benzene	25	109	80-120	105	105	76-127	<1	11	
Dibromofluoromethane	50	110	74-121	Trichloroethene	25	87	80-120	87	86	71-120	1	14	
				Toluene	25	103	80-120	101	102	76-125	1	13	
				Chlorobenzene	25	104	80-120	107	104	75-130	3	13	

VOLATILE ORGANICS

Client I.D.: WCC5S-12

Matrix: Liquid

Laboratory I.D.: 212803-001

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	
Benzene	ND	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	ND	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	ND	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	18	5		ND	5	
cis-1,2-Dichloroethene	ND	5		ND	5	
trans-1,2-Dichloroethene	ND	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

Sample	Method Blank	
Date Sampled:	9/06/95	N/A
Date Analyzed:	9/11/95	9/11/95

VOLATILE ORGANICS



Client I.D.: WCC5S-12
 Laboratory I.D.: 212803-001
 Client: KENNEDY/JENKS

Matrix: Liquid
 Method: EPA 8260
 Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	ND	5		ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes.	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8734AIA		Sample I.D.: 212803-001							
	Compounds	Spike Amt. (ug/L)	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits				
Toluene-d8	50	88	80-120	1,1-Dichloroethene	25	106	80-120	93	92	61-145	1	14	
Bromofluorobenzene	50	90	81-117	Benzene	25	99	80-120	98	96	76-127	2	11	
Dibromofluoromethane	50	111	74-121	Trichloroethene	25	103	80-120	111	104	71-120	6	14	
				Toluene	25	94	80-120	90	92	76-125	2	13	
				Chlorobenzene	25	103	80-120	96	100	75-130	4	13	

VOLATILE ORGANICS



Client I.D.: WCC6S-12

Laboratory I.D.: 212809-007

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	a - Result from 1:10 dilution.
Benzene	50	5		ND	5	
Bromobenzene	ND	5		ND	5	b - Result from 1:50 dilution.
Bromoform						
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	12	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	14	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	55	5		ND	5	
1,2-Dichloroethane	39	5		ND	5	
1,1-Dichloroethene	4300	250	b	ND	5	
cis-1,2-Dichloroethene	2400	250	b	ND	5	
trans-1,2-Dichloroethene	83	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	Sample
p-isopropyltoluene	ND	5		ND	5	Method Blank
Methylene chloride	ND	5		ND	5	Date Sampled:
4-Methyl-2-pentanone	240	100	a	ND	10	9/07/95
Naphthalene	ND	5		ND	5	N/A
n-Propylbenzene	ND	5		ND	5	Date Analyzed:
Styrene	ND	5		ND	5	9/13/95
						9/13/95

(continued on next page)

VOLATILE ORGANICS

Client I.D.: WCC6S-12

Laboratory I.D.: 212809-007

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - Result from 1:10 dilution.
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	b - Result from 1:50 dilution.
Toluene	2900	250	b	ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	370	50	a	ND	5	
1,1,2-Trichloroethane	48	5		ND	5	
Trichloroethene	620	50	a	ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	14	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	6	5		ND	5	
m,p-Xylenes	15	5		ND	5	

Quality Control Data Summary

Compound	Surrogate Recovery Data			Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data								
	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8758AIC			Sample I.D.: 212768-009					
				Compounds	Spike Amt. (ug/L)	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits
Toluene-d8	50	100	80-120	1,1-Dichloroethene	25	90	80-120	85	87	61-145	2	14
Bromofluorobenzene	50	91	81-117	Benzene	25	109	80-120	105	105	76-127	<1	11
Dibromofluoromethane	50	87	74-121	Trichloroethene	25	87	80-120	87	86	71-120	1	14
				Toluene	25	103	80-120	101	102	76-125	1	13
				Chlorobenzene	25	104	80-120	107	104	75-130	3	13

VOLATILE ORGANICS

Client I.D.: DW090795

Matrix: Liquid

Laboratory I.D.: 212809-011

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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WCC-6S

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	a - Result from 1:10 dilution.
Benzene	56	5		ND	5	
Bromobenzene	ND	5		ND	5	b - Result from 1:50 dilution.
Bromoform						
Bromomethane	ND	5		ND	5	
2-Butanone	11	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	19	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	70	5		ND	5	
1,2-Dichloroethane	55	5		ND	5	
1,1-Dichloroethene	3800	250	b	ND	5	
cis-1,2-Dichloroethene	2200	250	b	ND	5	
trans-1,2-Dichloroethene	99	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	180	100	a	ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

	Sample	Method Blank
Date Sampled:	9/07/95	N/A
Date Analyzed:	9/14/95	9/14/95

VOLATILE ORGANICS



Client I.D.: DW090795

Laboratory I.D.: 212809-011

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - Result from 1:10 dilution.
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	b - Result from 1:50 dilution.
Toluene	2500	250	b	ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	310	50	a	ND	5	
1,1,2-Trichloroethane	52	5		ND	5	
Trichloroethene	520	50	a	ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	17	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	6	5		ND	5	
m,p-Xylenes	17	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike	Percent	QC	Batch I.D.: 8758AID		Sample I.D.: 212768-009							
	Amount (ug/L)	Recovery	Limits	Compounds	Spike Amt. (ug/L)	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup	QC Limits	RPD	QC Limits	
Toluene-d8	50	103	80-120	1,1-Dichloroethene	25	88	80-120	85	87	61-145	2	14	
Bromofluorobenzene	50	92	81-117	Benzene	25	112	80-120	105	105	76-127	<1	11	
Dibromofluoromethane	50	102	74-121	Trichloroethene	25	88	80-120	87	86	71-120	1	14	
				Toluene	25	112	80-120	101	102	76-125	1	13	
				Chlorobenzene	25	108	80-120	107	104	75-130	3	13	

VOLATILE ORGANICS



Client I.D.: WCC7S-12
 Laboratory I.D.: 212809-001
 Client: KENNEDY/JENKS

Matrix: Liquid
 Method: EPA 8260
 Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes		
Acetone	ND	10		ND	10			
Benzene	ND	5		ND	5			
Bromobenzene	ND	5		ND	5			
Bromoform	ND	5		ND	5			
Bromomethane	ND	10		ND	10			
2-Butanone	ND	10		ND	10			
n-Butylbenzene	ND	5		ND	5			
sec-Butylbenzene	ND	5		ND	5			
tert-Butylbenzene	ND	5		ND	5			
Carbon disulfide	ND	5		ND	5			
Carbon tetrachloride	ND	5		ND	5			
Chlorobenzene	ND	5		ND	5			
Chloroethane	ND	10		ND	10			
Chloroform	ND	5		ND	5			
Chloromethane	ND	10		ND	10			
2-Chlorotoluene	ND	5		ND	5			
4-Chlorotoluene	ND	5		ND	5			
Dibromochloromethane	ND	5		ND	5			
1,2-Dibromo-3-chloropropane	ND	5		ND	5			
1,2-Dibromoethane	ND	5		ND	5			
Dibromomethane	ND	5		ND	5			
1,2-Dichlorobenzene	ND	5		ND	5			
1,3-Dichlorobenzene	ND	5		ND	5			
1,4-Dichlorobenzene	ND	5		ND	5			
Dichlorodifluoromethane	ND	10		ND	10			
1,1-Dichloroethane	ND	5		ND	5			
1,2-Dichloroethane	ND	5		ND	5			
1,1-Dichloroethene	150	5		ND	5			
cis-1,2-Dichloroethene	ND	5		ND	5			
trans-1,2-Dichloroethene	ND	5		ND	5			
1,2-Dichloropropane	ND	5		ND	5			
1,3-Dichloropropane	ND	5		ND	5			
2,2-Dichloropropane	ND	5		ND	5			
1,1-Dichloropropene	ND	5		ND	5			
cis-1,3-Dichloropropene	ND	5		ND	5			
trans-1,3-Dichloropropene	ND	5		ND	5			
Ethylbenzene	ND	5		ND	5			
Freon 113	ND	5		ND	5			
Hexachlorobutadiene	ND	5		ND	5			
2-Hexanone	ND	10		ND	10			
Isopropylbenzene	ND	5		ND	5	Sample		
p-isopropyltoluene	ND	5		ND	5	Method Blank		
Methylene chloride	ND	5		ND	5	Date Sampled:	9/07/95	N/A
4-Methyl-2-pentanone	ND	10		ND	10	Date Analyzed:	9/13/95	9/13/95
Naphthalene	ND	5		ND	5			
n-Propylbenzene	ND	5		ND	5			
Styrene	ND	5		ND	5			

(continued on next page)

VOLATILE ORGANICS



Client I.D.: WCC7S-12

Laboratory I.D.: 212809-001

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	200	5		ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8758AIC		Sample I.D.: 212768-009							
				Compounds	Spike Amt. (ug/L)	LCS	QC Limits	Spike %Rec.	Spk Dup	QC	RPD	QC Limits	
Toluene-d8	50	98	80-120	1,1-Dichloroethene	25	90	80-120	85	87	61-145	2	14	
Bromofluorobenzene	50	89	81-117	Benzene	25	109	80-120	105	105	76-127	<1	11	
Dibromofluoromethane	50	115	74-121	Trichloroethene	25	87	80-120	87	86	71-120	1	14	
				Toluene	25	103	80-120	101	102	76-125	1	13	
				Chlorobenzene	25	104	80-120	107	104	75-130	3	13	

VOLATILE ORGANICS



Client I.D.: WCC8S-12

Matrix: Liquid

Laboratory I.D.: 212809-002

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	a - Result from 1:50 dilution.
Benzene	22	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	9	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	10	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	2200	250	a	ND	5	
cis-1,2-Dichloroethene	15	5		ND	5	
trans-1,2-Dichloroethene	28	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	Sample Method Blank
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	Date Sampled: 9/07/95 N/A
Naphthalene	ND	5		ND	5	Date Analyzed: 9/13/95 9/13/95
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

VOLATILE ORGANICS



Client I.D.: WCC8S-12

Matrix: Liquid

Laboratory I.D.: 212809-002

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - Result from 1:50 dilution.
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	110	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	1700	250	a	ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike	Percent	QC	Batch I.D.: 8758AIC		Sample I.D.: 212768-009							
	Amount	Recovery	Limits	Compounds	Spike Amt.	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits	
Toluene-d8	50	94	80-120	1,1-Dichloroethene	25	90	80-120	85	87	61-145	2	14	
Bromofluorobenzene	50	90	81-117	Benzene	25	109	80-120	105	105	76-127	<1	11	
Dibromofluoromethane	50	109	74-121	Trichloroethene	25	87	80-120	87	86	71-120	1	14	
				Toluene	25	103	80-120	101	102	76-125	1	13	
				Chlorobenzene	25	104	80-120	107	104	75-130	3	13	

VOLATILE ORGANICS



Client I.D.: WCC9S-12

Matrix: Liquid

Laboratory I.D.: 212803-002

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	
Benzene	ND	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	19	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	ND	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	11	5		ND	5	
cis-1,2-Dichloroethene	ND	5		ND	5	
trans-1,2-Dichloroethene	ND	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

Sample	Method Blank	
Date Sampled:	9/06/95	N/A
Date Analyzed:	9/11/95	9/11/95

VOLATILE ORGANICS



Client I.D.: WCC9S-12
 Laboratory I.D.: 212803-002
 Client: KENNEDY/JENKS

Matrix: Liquid
 Method: EPA 8260
 Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	64	5		ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8734AIA		Sample I.D.: 212803-001							
	Compounds	Spike Amt.	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits				
Toluene-d8	50	100	80-120	1,1-Dichloroethene	25	106	80-120	93	92	61-145	1	14	
Bromofluorobenzene	50	96	81-117	Benzene	25	99	80-120	98	96	76-127	2	11	
Dibromofluoromethane	50	117	74-121	Trichloroethene	25	103	80-120	111	104	71-120	6	14	
				Toluene	25	94	80-120	90	92	76-125	2	13	
				Chlorobenzene	25	103	80-120	96	100	75-130	4	13	

VOLATILE ORGANICS



Client I.D.: WCC10S-12

Laboratory I.D.: 212803-004

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	
Benzene	ND	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	14	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	ND	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	ND	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	27	5		ND	5	
cis-1,2-Dichloroethene	ND	5		ND	5	
trans-1,2-Dichloroethene	ND	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

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Sample	Method Blank	
Date Sampled:	9/06/95	N/A
Date Analyzed:	9/12/95	9/11/95

VOLATILE ORGANICS

Client I.D.: WCC10S-12
 Laboratory I.D.: 212803-004
 Client: KENNEDY/JENKS

Matrix: Liquid
 Method: EPA 8260
 Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - High surrogate recovery due to matrix effect (confirmed by reanalysis 09/12/95).
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	160	5		ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8734AIA		Sample I.D.: 212803-001							
				Compounds	Spike Amt.	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits	
Toluene-d8	50	96	80-120	1,1-Dichloroethene	25	106	80-120	93	92	61-145	1	14	
Bromofluorobenzene	50	91	81-117	Benzene	25	99	80-120	98	96	76-127	2	11	
Dibromofluoromethane	50	132-a	74-121	Trichloroethene	25	103	80-120	111	104	71-120	6	14	
				Toluene	25	94	80-120	90	92	76-125	2	13	
				Chlorobenzene	25	103	80-120	96	100	75-130	4	13	

VOLATILE ORGANICS



Client I.D.: WCC11S-12

Matrix: Liquid

Laboratory I.D.: 212803-006

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	
Benzene	ND	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	ND	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	ND	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	31	5		ND	5	
cis-1,2-Dichloroethene	ND	5		ND	5	
trans-1,2-Dichloroethene	ND	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

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Sample	Method Blank	
Date Sampled:	9/06/95	N/A
Date Analyzed:	9/12/95	9/11/95

VOLATILE ORGANICS

Client I.D.: WCC11S-12
 Laboratory I.D.: 212803-006
 Client: KENNEDY/JENKS

Matrix: Liquid
 Method: EPA 8260
 Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - High surrogate recovery due to matrix effect (confirmed by reanalysis 09/12/95).
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	190	5		ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data								
Compound	Spike	Percent	QC	Batch I.D.: 8734AIA		Sample I.D.: 212803-001						
	Amount	Recovery	Limits	Compounds	Spike	LCS	QC	Spike	Spk Dup	QC	RPD	QC
Toluene-d8	50	97	80-120	1,1-Dichloroethene	25	106	80-120	93	92	61-145	1	14
Bromofluorobenzene	50	91	81-117	Benzene	25	99	80-120	98	96	76-127	2	11
Dibromofluoromethane	50	125-a	74-121	Trichloroethene	25	103	80-120	111	104	71-120	6	14
				Toluene	25	94	80-120	90	92	76-125	2	13
				Chlorobenzene	25	103	80-120	96	100	75-130	4	13

VOLATILE ORGANICS

Client I.D.: DW090695

Laboratory I.D.: 212803-008

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	
Benzene	ND	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	ND	5		ND	5	
Chloromethane	ND	10		ND	5	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	ND	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	30	5		ND	5	
cis-1,2-Dichloroethene	ND	5		ND	5	
trans-1,2-Dichloroethene	ND	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

VOLATILE ORGANICS



Client I.D.: DW090695

Laboratory I.D.: 212803-008

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - High surrogate recovery due to matrix effect (confirmed by reanalysis 09/12/95).
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	b - Result from a 1:2 dilution run on 09/12/95.
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	200	10	b	ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8734AIA		Sample I.D.: 212803-001							
	Compounds	Spike Amt. (ug/L)	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits				
Toluene-d8	50	98	80-120	1,1-Dichloroethene	25	106	80-120	93	92	61-145	1	14	
Bromofluorobenzene	50	94	81-117	Benzene	25	99	80-120	98	96	76-127	2	11	
Dibromofluoromethane	50	127-a	74-121	Trichloroethene	25	103	80-120	111	104	71-120	6	14	
				Toluene	25	94	80-120	90	92	76-125	2	13	
				Chlorobenzene	25	103	80-120	96	100	75-130	4	13	

VOLATILE ORGANICS



Client I.D.: WCC12S-12

Laboratory I.D.: 212803-007

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	
Benzene	ND	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	33	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	ND	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	32	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	60	5		ND	5	
cis-1,2-Dichloroethene	ND	5		ND	5	
trans-1,2-Dichloroethene	ND	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	Sample
p-isopropyltoluene	ND	5		ND	5	Method Blank
Methylene chloride	ND	5		ND	5	Date Sampled: 9/06/95 N/A
4-Methyl-2-pentanone	ND	10		ND	10	Date Analyzed: 9/12/95 9/11/95
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

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VOLATILE ORGANICS



Client I.D.: WCC12S-12

Matrix: Liquid

Laboratory I.D.: 212803-007

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes	
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - High surrogate recovery due to matrix effect (confirmed by reanalysis 09/12/95).	
1,1,2,2-Tetrachloroethane	ND	5		ND	5	b - Result from a 1:2.5 dilution run on 09/12/95.	
Tetrachloroethene	ND	5		ND	5		
Toluene	ND	5		ND	5		
1,2,3-Trichlorobenzene	ND	5		ND	5		
1,2,4-Trichlorobenzene	ND	5		ND	5		
1,1,1-Trichloroethane	ND	5		ND	5		
1,1,2-Trichloroethane	ND	5		ND	5		
Trichloroethene	300	12.5	b	ND	5		
Trichlorofluoromethane	ND	5		ND	5		
1,2,3-Trichloropropane	ND	5		ND	5		
1,2,4-Trimethylbenzene	ND	5		ND	5		
1,3,5-Trimethylbenzene	ND	5		ND	5		
Vinyl acetate	ND	10		ND	10		
Vinyl Chloride	ND	10		ND	10		
o-Xylene	ND	5		ND	5		
m,p-Xylenes	ND	5		ND	5		

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike	Percent	QC	Batch I.D.: 8734AIA		Sample I.D.: 212803-001		RPD	QC				
	Amount	Recovery	Limits	Compounds	Amt.	%Rec.	QC	Spike	Spk Dup	QC	Limits		
Toluene-d8	50	99	80-120	1,1-Dichloroethene	25	106	80-120	93	92	61-145	1	14	
Bromofluorobenzene	50	98	81-117	Benzene	25	99	80-120	98	96	76-127	2	11	
Dibromofluoromethane	50	131-a	74-121	Trichloroethene	25	103	80-120	111	104	71-120	6	14	
				Toluene	25	94	80-120	90	92	76-125	2	13	
				Chlorobenzene	25	103	80-120	96	100	75-130	4	13	

VOLATILE ORGANICS



Client I.D.: DACP1-12

Matrix: Liquid

Laboratory I.D.: 212809-008

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	
Benzene	ND	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	33	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	ND	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	12	5		ND	5	
cis-1,2-Dichloroethene	89	5		ND	5	
trans-1,2-Dichloroethene	ND	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

Sample Method Blank

Date Sampled: 9/07/95 N/A

Date Analyzed: 9/14/95 9/13/95

VOLATILE ORGANICS



Client I.D.: DACP1-12

Laboratory I.D.: 212809-008

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - Result from 1:100 dilution.
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	17	5		ND	5	
Toluene	53	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	13000	500	a	ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8758AIC		Sample I.D.: 212768-009							
	Compounds	Spike Amt. (ug/L)	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits				
Toluene-d8	50	95	80-120	1,1-Dichloroethene	25	90	80-120	85	87	61-145	2	14	
Bromofluorobenzene	50	89	81-117	Benzene	25	109	80-120	105	105	76-127	<1	11	
Dibromofluoromethane	50	106	74-121	Trichloroethene	25	87	80-120	87	86	71-120	1	14	
				Toluene	25	103	80-120	101	102	76-125	1	13	
				Chlorobenzene	25	104	80-120	107	104	75-130	3	13	

VOLATILE ORGANICS



Client I.D.: WCC1D-12

Laboratory I.D.: 212803-003

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes	
Acetone	ND	10		ND	10		
Benzene	ND	5		ND	5		
Bromobenzene	ND	5		ND	5		
Bromochloromethane	ND	5		ND	5		
Bromodichloromethane	ND	5		ND	5		
Bromoform	ND	5		ND	5		
Bromomethane	ND	10		ND	10		
2-Butanone	ND	10		ND	10		
n-Butylbenzene	ND	5		ND	5		
sec-Butylbenzene	ND	5		ND	5		
tert-Butylbenzene	ND	5		ND	5		
Carbon disulfide	ND	5		ND	5		
Carbon tetrachloride	ND	5		ND	5		
Chlorobenzene	ND	5		ND	5		
Chloroethane	ND	10		ND	10		
Chloroform	ND	5		ND	5		
Chloromethane	ND	10		ND	10		
2-Chlorotoluene	ND	5		ND	5		
4-Chlorotoluene	ND	5		ND	5		
Dibromochloromethane	ND	5		ND	5		
1,2-Dibromo-3-chloropropane	ND	5		ND	5		
1,2-Dibromoethane	ND	5		ND	5		
Dibromomethane	ND	5		ND	5		
1,2-Dichlorobenzene	ND	5		ND	5		
1,3-Dichlorobenzene	ND	5		ND	5		
1,4-Dichlorobenzene	ND	5		ND	5		
Dichlorodifluoromethane	ND	10		ND	10		
1,1-Dichloroethane	ND	5		ND	5		
1,2-Dichloroethane	ND	5		ND	5		
1,1-Dichloroethene	150	5		ND	5		
cis-1,2-Dichloroethene	ND	5		ND	5		
trans-1,2-Dichloroethene	ND	5		ND	5		
1,2-Dichloropropane	ND	5		ND	5		
1,3-Dichloropropane	ND	5		ND	5		
2,2-Dichloropropane	ND	5		ND	5		
1,1-Dichloropropene	ND	5		ND	5		
cis-1,3-Dichloropropene	ND	5		ND	5		
trans-1,3-Dichloropropene	ND	5		ND	5		
Ethylbenzene	ND	5		ND	5		
Freon 113	ND	5		ND	5		
Hexachlorobutadiene	ND	5		ND	5		
2-Hexanone	ND	10		ND	10		
Isopropylbenzene	ND	5		ND	5		
p-isopropyltoluene	ND	5		ND	5		
Methylene chloride	ND	5		ND	5		
4-Methyl-2-pentanone	ND	10		ND	10		
Naphthalene	ND	5		ND	5		
n-Propylbenzene	ND	5		ND	5		
Styrene	ND	5		ND	5		

(continued on next page)

Sample	Method Blank	
Date Sampled:	9/06/95	N/A
Date Analyzed:	9/12/95	9/11/95

VOLATILE ORGANICS

Client I.D.: WCC1D-12
 Laboratory I.D.: 212803-003
 Client: KENNEDY/JENKS

Matrix: Liquid
 Method: EPA 8260
 Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - High surrogate recovery due to matrix effect (confirmed by reanalysis 09/12/95).
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	29	5		ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8734AIA		Sample I.D.: 212803-001							
				Compounds	Spike Amt.	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits	
Toluene-d8	50	98	80-120	1,1-Dichloroethene	25	106	80-120	93	92	61-145	1	14	
Bromofluorobenzene	50	97	81-117	Benzene	25	99	80-120	98	96	76-127	2	11	
Dibromofluoromethane	50	122-a	74-121	Trichloroethene	25	103	80-120	111	104	71-120	6	14	
				Toluene	25	94	80-120	90	92	76-125	2	13	
				Chlorobenzene	25	103	80-120	96	100	75-130	4	13	

VOLATILE ORGANICS



Client I.D.: WCC3D-12

Laboratory I.D.: 212809-005

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	a - Result from 1:20 dilution.
Benzene	13	5		ND	5	
Bromobenzene	ND	5		ND	5	b - Result from 1:100 dilution.
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	ND	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	13	5		ND	5	
1,2-Dichloroethane	6	5		ND	5	
1,1-Dichloroethene	3400	500	b	ND	5	
cis-1,2-Dichloroethene	60	5		ND	5	
trans-1,2-Dichloroethene	30	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	170	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

	Sample	Method Blank
Date Sampled:	9/07/95	N/A
Date Analyzed:	9/13/95	9/13/95

VOLATILE ORGANICS



Client I.D.: WCC3D-12

Matrix: Liquid

Laboratory I.D.: 212809-005

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	a - Result from 1:20 dilution.
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	b - Result from 1:100 dilution.
Toluene	4700	500	b	ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	4100	500	b	ND	5	
1,1,2-Trichloroethane	35	5		ND	5	
Trichloroethene	520	100	a	ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	8	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8758AIC		Sample I.D.: 212768-009							
	Compounds	Spike Amt. (ug/L)	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits				
Toluene-d8	50	104	80-120	1,1-Dichloroethene	25	90	80-120	85	87	61-145	2	14	
Bromofluorobenzene	50	93	81-117	Benzene	25	109	80-120	105	105	76-127	<1	11	
Dibromofluoromethane	50	119	74-121	Trichloroethene	25	87	80-120	87	86	71-120	1	14	
				Toluene	25	103	80-120	101	102	76-125	1	13	
				Chlorobenzene	25	104	80-120	107	104	75-130	3	13	

APPENDIX B

**LABORATORY/FIELD QUALITY CONTROL
DATA SHEETS**

VOLATILE ORGANICS



Client I.D.: EB090795

Laboratory I.D.: 212809-009

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	
Benzene	ND	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	ND	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	ND	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	ND	5		ND	5	
cis-1,2-Dichloroethene	ND	5		ND	5	
trans-1,2-Dichloroethene	ND	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

Sample	Method Blank	
Date Sampled:	9/07/95	N/A
Date Analyzed:	9/14/95	9/14/95

VOLATILE ORGANICS



Client I.D.: EB090795

Laboratory I.D.: 212809-009

Client: KENNEDY/JENKS

Matrix: Liquid

Method: EPA 8260

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	ND	5		ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes.	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8758AID		Sample I.D.: 212768-009							
	Compounds	Spike Amt. (ug/L)	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits				
Toluene-d8	50	95	80-120	1,1-Dichloroethene	25	88	80-120	85	87	61-145	2	14	
Bromofluorobenzene	50	90	81-117	Benzene	25	112	80-120	105	105	76-127	<1	11	
Dibromofluoromethane	50	117	74-121	Trichloroethene	25	88	80-120	87	86	71-120	1	14	
				Toluene	25	112	80-120	101	102	76-125	1	13	
				Chlorobenzene	25	108	80-120	107	104	75-130	3	13	

VOLATILE ORGANICS

Client I.D.: TB090795

Matrix: Liquid

Page

Laboratory I.D.: 212809-010

Method: EPA 8260

20 of 23

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
Acetone	ND	10		ND	10	
Benzene	ND	5		ND	5	
Bromobenzene	ND	5		ND	5	
Bromochloromethane	ND	5		ND	5	
Bromodichloromethane	ND	5		ND	5	
Bromoform	ND	5		ND	5	
Bromomethane	ND	10		ND	10	
2-Butanone	ND	10		ND	10	
n-Butylbenzene	ND	5		ND	5	
sec-Butylbenzene	ND	5		ND	5	
tert-Butylbenzene	ND	5		ND	5	
Carbon disulfide	ND	5		ND	5	
Carbon tetrachloride	ND	5		ND	5	
Chlorobenzene	ND	5		ND	5	
Chloroethane	ND	10		ND	10	
Chloroform	ND	5		ND	5	
Chloromethane	ND	10		ND	10	
2-Chlorotoluene	ND	5		ND	5	
4-Chlorotoluene	ND	5		ND	5	
Dibromochloromethane	ND	5		ND	5	
1,2-Dibromo-3-chloropropane	ND	5		ND	5	
1,2-Dibromoethane	ND	5		ND	5	
Dibromomethane	ND	5		ND	5	
1,2-Dichlorobenzene	ND	5		ND	5	
1,3-Dichlorobenzene	ND	5		ND	5	
1,4-Dichlorobenzene	ND	5		ND	5	
Dichlorodifluoromethane	ND	10		ND	10	
1,1-Dichloroethane	ND	5		ND	5	
1,2-Dichloroethane	ND	5		ND	5	
1,1-Dichloroethene	ND	5		ND	5	
cis-1,2-Dichloroethene	ND	5		ND	5	
trans-1,2-Dichloroethene	ND	5		ND	5	
1,2-Dichloropropane	ND	5		ND	5	
1,3-Dichloropropane	ND	5		ND	5	
2,2-Dichloropropane	ND	5		ND	5	
1,1-Dichloropropene	ND	5		ND	5	
cis-1,3-Dichloropropene	ND	5		ND	5	
trans-1,3-Dichloropropene	ND	5		ND	5	
Ethylbenzene	ND	5		ND	5	
Freon 113	ND	5		ND	5	
Hexachlorobutadiene	ND	5		ND	5	
2-Hexanone	ND	10		ND	10	
Isopropylbenzene	ND	5		ND	5	
p-isopropyltoluene	ND	5		ND	5	
Methylene chloride	ND	5		ND	5	
4-Methyl-2-pentanone	ND	10		ND	10	
Naphthalene	ND	5		ND	5	
n-Propylbenzene	ND	5		ND	5	
Styrene	ND	5		ND	5	

(continued on next page)

VOLATILE ORGANICS



Client I.D.: TB090795

Matrix: Liquid

Laboratory I.D.: 212809-010

Method: EPA 8260

Client: KENNEDY/JENKS

Extraction: EPA 5030 Purge & Trap

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(continued from previous page)

Compound	Result (ug/L)	Detection Limit	Analytical Notes	Method Blank	Detection Limit	Analytical Notes
1,1,1,2-Tetrachloroethane	ND	5		ND	5	
1,1,2,2-Tetrachloroethane	ND	5		ND	5	
Tetrachloroethene	ND	5		ND	5	
Toluene	ND	5		ND	5	
1,2,3-Trichlorobenzene	ND	5		ND	5	
1,2,4-Trichlorobenzene	ND	5		ND	5	
1,1,1-Trichloroethane	ND	5		ND	5	
1,1,2-Trichloroethane	ND	5		ND	5	
Trichloroethene	ND	5		ND	5	
Trichlorofluoromethane	ND	5		ND	5	
1,2,3-Trichloropropane	ND	5		ND	5	
1,2,4-Trimethylbenzene	ND	5		ND	5	
1,3,5-Trimethylbenzene	ND	5		ND	5	
Vinyl acetate	ND	10		ND	10	
Vinyl Chloride	ND	10		ND	10	
o-Xylene	ND	5		ND	5	
m,p-Xylenes	ND	5		ND	5	

Quality Control Data Summary

Surrogate Recovery Data				Laboratory Control Sample, Matrix Spike/Matrix Spike Duplicate Data									
Compound	Spike Amount (ug/L)	Percent Recovery	QC Limits	Batch I.D.: 8758AID		Sample I.D.: 212768-009							
				Compounds	Spike Amt. (ug/L)	LCS %Rec.	QC Limits	Spike %Rec.	Spk Dup %Rec.	QC Limits	RPD	QC Limits	
Toluene-d8	50	94	80-120	1,1-Dichloroethene	25	88	80-120	85	87	61-145	2	14	
Bromoform	50	92	81-117	Benzene	25	112	80-120	105	105	76-127	<1	11	
Dibromoform	50	118	74-121	Trichloroethene	25	88	80-120	87	86	71-120	1	14	
				Toluene	25	112	80-120	101	102	76-125	1	13	
				Chlorobenzene	25	108	80-120	107	104	75-130	3	13	

APPENDIX C

GROUNDWATER PURGE AND SAMPLE FORMS

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consultants

PROJECT NAME:	DAC	WELL NUMBER:	WCC-15
PROJECT NUMBER:	944016.00	PERSONNEL:	RAP
STATIC WATER LEVEL (FT):	67.06	MEASURING POINT DESCRIPTION:	Top of Casing
WATER LEVEL MEASUREMENT METHOD:	Elec. Probe	PURGE METHOD:	Reel-Flow
TIME START PURGE:	0957	PURGE DEPTH (FT)	70 feet
TIME END PURGE:	1115		
TIME SAMPLED:	1120		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			CASING VOLUME (GAL)
				2	4	6	
				0.16	0.64	1.44	
	91	67	24				96 11.52

TIME	5'02>	1045	1057		1105	1115	
VOLUME PURGED (GAL)	2	4	6	8	9	11	
PURGE RATE (GPM)							
TEMPERATURE (°F)	76.0	74.4	75.5		75.7	75.0	
pH	7.39	7.34	7.50		7.52	7.51	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1752	1753	1741		1734	1737	
DISSOLVED OXYGEN (mg/L)	-	-	-		-	-	
eH(MV)Pt-AgCl ref.	-	-	-		-	-	
TURBIDITY/COLOR	Brown	Brown	Brown		Brown	Brown	
ODOR	No	No	No		No	No	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/7/85

Kennedy/Jenks Consult

PROJECT NAME: DAC WELL NUMBER: WCC-15
 PROJECT NUMBER: 944016.00 PERSONNEL: Rao

SAMPLE DATA: 1120 COMMENTS:
 TIME SAMPLED: _____

DEPTH SAMPLED (FT): 70

SAMPLING EQUIPMENT: Stainless steel boker

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCCS-12	3	Vor	HCl	N	40ml	N	N	Y	82401 82600	

PURGE WATER DISPOSAL NOTES:
 TOTAL DISCHARGE (GAL): 113 gal. COMMENTS: _____

DISPOSAL METHOD: 0af - S, TO

DRUM DESIGNATION(S)/VOLUME PER (GAL): _____

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS: _____

GENERAL:

WEATHER CONDITIONS: clear

TEMPERATURE (SPECIFY °C OR °F): warm, 80 F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? ND

cc: Project Manager: S. Baetzinger
 Job File: _____
 Other: _____

Groundwater Purge and Sample Form

Date: 9/6/95

Kennedy/Jenks Consultants

PROJECT NAME: <u>DAC</u>	WELL NUMBER: <u>WCC-2S</u>
PROJECT NUMBER: <u>944016</u>	PERSONNEL: <u>RAT</u>
STATIC WATER LEVEL (FT): <u>67.85</u>	MEASURING POINT DESCRIPTION: <u>Top of casing</u>
WATER LEVEL MEASUREMENT METHOD: <u>Elec. Probe</u>	PURGE METHOD: <u>Redi Flow</u>
TIME START PURGE: <u>12:37</u>	PURGE DEPTH (FT) _____
TIME END PURGE: <u>12:48</u>	_____
TIME SAMPLED: <u>13:00</u>	_____
COMMENTS: _____	

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN)			3 X CASING VOLUME (GAL)
						2	4	6	
						0.16	0.64	1.44	
	88.80	87.85	=	20.95					40.2

TIME	12:40	12:42	12:44	12:46	12:47	12:48	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°F)	77.0	75.1	75.3	75.5	75.6	75.5	
pH	7.54	7.46	7.51	7.42	7.43	7.44	
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	1178	1078	1030	1020	1012	1004	
DISSOLVED OXYGEN (mg/L)	-	-	-	-	-	-	
eH(MV) Pt-AgCl ref.	-	-	-	-	-	-	
TURBIDITY/COLOR	Slight brown	slight	slt/clear	Clear	Clear		
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/6/95

Kennedy/Jenks Consu

PROJECT NAME: DAC WELL NUMBER: WCC-23
 PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA: 1300 COMMENTS: _____
 TIME SAMPLED: 1300 _____
 DEPTH SAMPLED (FT): 70 _____
 SAMPLING EQUIPMENT: Stainless Steel Baker _____

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
<u>wcc23-12</u>	<u>3</u>	<u>Ma</u>	<u>HCl</u>	<u>N</u>	<u>40ml</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>8249 8260</u>	—

PURGE WATER DISPOSAL NOTES:
 TOTAL DISCHARGE (GAL): SD COMMENTS: _____
 DISPOSAL METHOD: on-site _____
 DRUM DESIGNATION(S)/VOLUME PER (GAL): _____

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):
 WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO
 INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO
 WELL CASING OK?: YES NO
 COMMENTS: _____

GENERAL:
 WEATHER CONDITIONS: warm, clear
 TEMPERATURE (SPECIFY °C OR °F): 85-80 °F
 PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: S. BARTLING
 Job File: _____
 Other: _____

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consultants

PROJECT NAME:	DAC			WELL NUMBER:	WCC-3S			
PROJECT NUMBER:	944016 C20			PERSONNEL:	Rao			
STATIC WATER LEVEL (FT):	67.65			MEASURING POINT DESCRIPTION:	Top of casing			
WATER LEVEL MEASUREMENT METHOD:	Elect. probe			PURGE METHOD:	Red flow			
TIME START PURGE:	1329			PURGE DEPTH (FT)	75			
TIME END PURGE:	1339							
TIME SAMPLED:	1350							
COMMENTS:								
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			3 X CASING VOLUME (GAL)	
				X	2	4		6
	92	67.65	24.35		0.16	0.64	1.44	47
TIME	1331	1333	1335	1337	1338	1339		
VOLUME PURGED (GAL)	10	20	30	40	45	50		
PURGE RATE (GPM)	5	5	5	5	5	5		
TEMPERATURE (°C)	78.2	77.9	77.8	77.6	78.0	77.5		
pH	6.39	6.41	6.39	6.44	6.45	6.45		
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	3360	3330	2980	2680	2590	2530		
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—		
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—		
TURBIDITY/COLOR	clear	clear	clear	clear	CLEAR	CLEAR		
ODOR	Y	Y	Y, slight	Y	Y	Y		
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75		
DEPTH TO WATER DURING PURGE (FT)								
NUMBER OF CASING VOLUMES REMOVED								
DEWATERED?								

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consu

PROJECT NAME: DA WELL NUMBER: WCC - 35
 PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:
 TIME SAMPLED: 1350 COMMENTS: _____
 DEPTH SAMPLED (FT): 70 _____
 SAMPLING EQUIPMENT: Stainless Steel Baker

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENT
WCC35- (2)	3	VOZ	HCl	N	40ml	N	N	Y	8250/ 8260	

PURGE WATER DISPOSAL NOTES:
 TOTAL DISCHARGE (GAL): 50 COMMENTS: _____
 DISPOSAL METHOD: ON SITE _____
 DRUM DESIGNATION(S)/VOLUME PER (GAL): _____

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):
 WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO
 INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO
 WELL CASING OK?: YES NO
 COMMENTS: _____

GENERAL:
 WEATHER CONDITIONS: Warm
 TEMPERATURE (SPECIFY °C OR °F): 80 F
 PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: S. BARTLING
 Job File: SE
 Other: _____

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consultants

PROJECT NAME:	DAC	WELL NUMBER:	WCC-45
PROJECT NUMBER:	LACES-743	PERSONNEL:	RAP
STATIC WATER LEVEL (FT):	66.16	MEASURING POINT DESCRIPTION:	Top of Casing
WATER LEVEL MEASUREMENT METHOD:	Elec. Probe	PURGE METHOD:	Radio flow
TIME START PURGE:	0920	PURGE DEPTH (FT)	75
TIME END PURGE:	0931		
TIME SAMPLED:	0945		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			3 X CASING VOLUME (GAL)
				2	4	6	
				0.16	0.64	1.44	
	91.5	66.16	25.34				49

TIME	0922	0924	0926	0928	0929	0931	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°F)	73.9	74.2	74.3	74.1	74.2	74.2	
pH	7.53	7.31	7.32	7.28	7.30	7.27	
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected)	1635	1560	1501	1408	1374	1358	
DISSOLVED OXYGEN (mg/L)	-	-	-	-	-	-	
eH(MV)Pt-AgCl ref.	-	-	-	-	-	-	
TURBIDITY/COLOR	CLEAR/YELLOW	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	
ODOR	NO	NO	NO	NO	NO	NO	
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consu

PROJECT NAME: DAC WELL NUMBER: WCC - 43
 PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:
 TIME SAMPLED: 0945 COMMENTS: _____
 DEPTH SAMPLED (FT): 70 _____
 SAMPLING EQUIPMENT: Stainless Steel Barter

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC-43-12	3	V04	HCl	N	40 ml	N	N	Y	8247 8260	

PURGE WATER DISPOSAL NOTES:
 TOTAL DISCHARGE (GAL): 50 COMMENTS: _____
 DISPOSAL METHOD: on-site _____
 DRUM DESIGNATION(S)/VOLUME PER (GAL): _____

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):
 WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO
 INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO
 WELL CASING OK?: YES NO
 COMMENTS: _____

GENERAL:
 WEATHER CONDITIONS: CLEAR
 TEMPERATURE (SPECIFY °C OR °F): 75 F
 PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: S. Baetz, Jr.
 Job File: _____
 Other: _____

Groundwater Purge and Sample Form

Date: 9/6/95

Kennedy/Jenks Consultants

PROJECT NAME:	<u>DQ</u>		WELL NUMBER:	<u>WCC-55</u>			
PROJECT NUMBER:	<u>944016.00</u>		PERSONNEL:	<u>RAP</u>			
STATIC WATER LEVEL (FT):	<u>64.63</u>		MEASURING POINT DESCRIPTION:	<u>Top of casing</u>			
WATER LEVEL MEASUREMENT METHOD:	<u>Elec. Probe</u>		PURGE METHOD:	<u>Revolving flow</u>			
TIME START PURGE:	<u>908</u>		PURGE DEPTH (FT)	<u>75</u>			
TIME END PURGE:	<u>919</u>						
TIME SAMPLED:	<u>933</u>						
COMMENTS:							
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)		3 X CASING VOLUME (GAL)	
				2	4		6
				0.16	0.64		1.44
<u>89.35</u>	<u>64.63</u>	<u>24.72</u>	X			<u>47</u>	
TIME	<u>911</u>	<u>913</u>	<u>915</u>	<u>917</u>	<u>918</u>	<u>919</u>	
VOLUME PURGED (GAL)	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>45</u>	<u>50</u>	
PURGE RATE (GPM)	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	
TEMPERATURE (°C)	<u>77.9</u>	<u>74.1</u>	<u>74.0</u>	<u>74.2</u>	<u>73.9</u>	<u>73.8</u>	
pH	<u>6.74</u>	<u>7.29</u>	<u>7.27</u>	<u>7.22</u>	<u>7.20</u>	<u>7.18</u>	
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	<u>1515</u>	<u>1430</u>	<u>1441</u>	<u>1455</u>	<u>1459</u>	<u>1464</u>	
DISSOLVED OXYGEN (mg/L)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
eH(MV)Pt-AgCl ref.	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
TURBIDITY/COLOR	<u>slight</u>	<u>slight</u>	<u>slight</u>	<u>slight</u>	<u>slight</u>	<u>slight</u>	
ODOR	<u>N</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>N</u>	
DEPTH OF PURGE INTAKE (FT)	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/6/95

Kennedy/Jenks Consu

PROJECT NAME: DAC WELL NUMBER: WCC-55
 PROJECT NUMBER: 5225285 94401600 PERSONNEL: RAP

SAMPLE DATA: 131 TIME SAMPLED: 31 COMMENTS: _____

DEPTH SAMPLED (FT): 76 _____

SAMPLING EQUIPMENT: Stainless steel beaker

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC-55-12	3	VQA	HCl	N	40ml	N	N	Y	8240/ 8260	

PURGE WATER DISPOSAL NOTES:
 TOTAL DISCHARGE (GAL): 50 COMMENTS: _____

DISPOSAL METHOD: on-site storage _____

DRUM DESIGNATION(S)/VOLUME PER (GAL): _____

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS: _____

GENERAL:

WEATHER CONDITIONS: clear

TEMPERATURE (SPECIFY °C OR °F): 80°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: S. Bartling

Job File: 94401600

Other: _____

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consultants

PROJECT NAME:	DAC	WELL NUMBER:	WCC-65
PROJECT NUMBER:	944016-04	PERSONNEL:	RAP
STATIC WATER LEVEL (FT):	67.59	MEASURING POINT DESCRIPTION:	Top of casing
WATER LEVEL MEASUREMENT METHOD:	Elec. Probe	PURGE METHOD:	Rediflo
TIME START PURGE:	1422	PURGE DEPTH (FT)	75
TIME END PURGE:	1432		
TIME SAMPLED:	1445		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			3 X CASING VOLUME (GAL)
				2	4	6	
				0.16	0.64	1.44	
	91	67	24				46.08

TIME	1424	1426	1428	1430	1431	1432	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5		
TEMPERATURE (°C)	78.0	77.8	78.0	77.7	77.5	77.1	
pH	6.80	6.76	6.78	6.84	6.79	6.78	
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	1931	1841	1772	1718	1684	1665	
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	
TURBIDITY/COLOR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	
ODOR	Y	Y	Y	Y	Y	Y	
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consul

PROJECT NAME: DAE WELL NUMBER: WCC-6S
 PROJECT NUMBER: 944016-ee PERSONNEL: RAP

SAMPLE DATA:
 TIME SAMPLED: 1445 COMMENTS:
 DEPTH SAMPLED (FT): 70
 SAMPLING EQUIPMENT: Stainless Steel boker

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC-6S-12	3	VOA	HCl	N	40ml	N	N	Y	8240/8260	
	-									

PURGE WATER DISPOSAL NOTES:
 TOTAL DISCHARGE (GAL): 50 COMMENTS:
 DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS:

GENERAL:
 WEATHER CONDITIONS: clear, warm

TEMPERATURE (SPECIFY °C OR °F): 86°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: S. Bartlins
 Job File: _____
 Other: _____

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consultants

PROJECT NAME:	DA	WELL NUMBER:	WCC-75
PROJECT NUMBER:	94 4016 00	PERSONNEL:	RAP
STATIC WATER LEVEL (FT):	15.70	MEASURING POINT DESCRIPTION:	Top of casing
WATER LEVEL MEASUREMENT METHOD:	Lic. probe	PURGE METHOD:	Red. flow
TIME START PURGE:	747	PURGE DEPTH (FT)	75
TIME END PURGE:	0802		
TIME SAMPLED:	0812		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			CASING VOLUME (GAL)
				2	4	6	
				0.16	0.64	1.44	
	90.5	65.2	25.3				49

TIME	= 29	- 12	- 12	757	759	800	
VOLUME PURGED (GAL)	10	5	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5		
TEMPERATURE (°F)	72.4	72.7	73.0	73.5	73.6	73.5	
pH	7.40	7.29	7.22	7.31	7.29	7.28	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1360	1256	1155	1098	1077	1064	
DISSOLVED OXYGEN (mg/L)	-	-	-	-	-	-	
eH(MV)Pt-AgCl ref.	-	-	-	-	-	-	
TURBIDITY/COLOR	Color	Color	Color	Clear	Clear	Clear	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consu

PROJECT NAME: DAC WELL NUMBER: WCC-7S
 PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:
 TIME SAMPLED: 0812 COMMENTS: _____
 DEPTH SAMPLED (FT): 70 _____
 SAMPLING EQUIPMENT: Stainless Steel baler

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC7S-12	3	VOA	HCl	N	40ml	N	N	Y	8249 8260	

PURGE WATER DISPOSAL NOTES:
 TOTAL DISCHARGE (GAL): 50 COMMENTS: _____
 DISPOSAL METHOD: on site _____
 DRUM DESIGNATION(S)/VOLUME PER (GAL): _____

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NOINSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NOWELL CASING OK?: YES NO

COMMENTS: _____

GENERAL:

WEATHER CONDITIONS: clearTEMPERATURE (SPECIFY °C OR °F): 75

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? _____

cc: Project Manager: S. Bartling
 Job File: _____
 Other: _____

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consultants

PROJECT NAME: <u>DAC</u>	WELL NUMBER: <u>WCC - 85</u>
PROJECT NUMBER: <u>944016.00</u>	PERSONNEL: <u>RAP</u>
STATIC WATER LEVEL (FT): <u>67.83</u>	MEASURING POINT DESCRIPTION: <u>Top of Casing</u>
WATER LEVEL MEASUREMENT METHOD: <u>Elec. Probe</u>	PURGE METHOD: <u>Re-di-flow</u>
TIME START PURGE: <u>0833</u>	PURGE DEPTH (FT) <u>75</u>
TIME END PURGE: <u>0843</u>	
TIME SAMPLED: <u>0855</u>	
COMMENTS:	

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN)			3 X CASING VOLUME (GAL)
					2	4	6	
	<u>90</u>	<u>67.83</u>	<u>22.17</u>	X	<u>0.16</u>	<u>0.64</u>	<u>1.44</u>	<u>43</u>

TIME	<u>0835</u>	<u>0837</u>	<u>0839</u>	<u>0841</u>	<u>0842</u>	<u>0843</u>	
VOLUME PURGED (GAL)	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>45</u>	<u>50</u>	
PURGE RATE (GPM)	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	
TEMPERATURE ($^{\circ}$ F)	<u>73.4</u>	<u>74.1</u>	<u>74.3</u>	<u>74.3</u>	<u>74.3</u>	<u>74.4</u>	
pH	<u>6.98</u>	<u>6.97</u>	<u>7.00</u>	<u>6.94</u>	<u>6.93</u>	<u>6.92</u>	
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	<u>1780</u>	<u>1770</u>	<u>1770</u>	<u>1767</u>	<u>1764</u>	<u>1764</u>	
DISSOLVED OXYGEN (mg/L)	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	
eH(MV)Pt-AgCl ref.	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	
TURBIDITY/COLOR	<u>CLEAR</u>	<u>CLEAR</u>	<u>CLEAR</u>	<u>CLEAR</u>	<u>CLEAR</u>	<u>CLEAR</u>	
ODOR	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	
DEPTH OF PURGE INTAKE (FT)	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consul

PROJECT NAME: DAC WELL NUMBER: WCC-85
 PROJECT NUMBER: 944016-00 PERSONNEL: RAP

SAMPLE DATA:
 TIME SAMPLED: 0855 COMMENTS:
 DEPTH SAMPLED (FT): 70
 SAMPLING EQUIPMENT: Stainless Steel tube

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENT
WCC85-12	3	VOA	HCl	N	40ml	N	N	Y	8240/ 8260	

PURGE WATER DISPOSAL NOTES:
 TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: clear, warm

TEMPERATURE (SPECIFY °C OR °F): 75 °F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: S. Bartling
 Job File: _____
 Other: _____

Groundwater Purge and Sample Form

Date: 9/6/95

Kennedy/Jenks Consultants

PROJECT NAME:	DAC	WELL NUMBER:	WCC-95
PROJECT NUMBER:	WCC-95 944016.00	PERSONNEL:	RNP
STATIC WATER LEVEL (FT):	63.68	MEASURING POINT DESCRIPTION:	Top of Casing
WATER LEVEL MEASUREMENT METHOD:	Elec. Probe	PURGE METHOD:	Bedi-Flow
TIME START PURGE:	953	PURGE DEPTH (FT)	75
TIME END PURGE:	1004		
TIME SAMPLED:	1016		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			CASING VOLUME (GAL)
				2	4	6	
				0.16	0.64	1.44	
	89.20	63.68	25.52				49

TIME	955	957	959	9601	9602	1003	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	75.1	76.1	75.0	75.4	75.1	74.9	
pH	7.26	7.49	7.40	7.36	7.34	7.31	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1507	1191	1152	1132	1125	1119	
DISSOLVED OXYGEN (mg/L)	-	-	-	-	-	-	
eH(MV)Pt-AgCl ref.	-	-	-	-	-	-	
TURBIDITY/COLOR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/16/95

Kennedy/Jenks Consul

PROJECT NAME:	<u>DAC</u>				WELL NUMBER:				<u>WCC-95</u>	
PROJECT NUMBER:	<u>944016.00</u>				PERSONNEL:					
SAMPLE DATA:										
TIME SAMPLED:	<u>10/16</u>				COMMENTS:					
DEPTH SAMPLED (FT):	<u>70</u>									
SAMPLING EQUIPMENT:	<u>Stainless Steel basket</u>									
SAMPLE NO.	NO. OF CONTAINERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENT
<u>WCCS-12</u>	<u>3</u>	<u>VQA</u>	<u>HCl</u>	<u>N</u>	<u>40ml</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>8240/8260</u>	
PURGE WATER DISPOSAL NOTES:										
TOTAL DISCHARGE (GAL): <u>95</u> COMMENTS: _____										
DISPOSAL METHOD: <u>On-site</u> _____										
DRUM DESIGNATION(S)/VOLUME PER (GAL): _____										
WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):										
WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: <input checked="" type="radio"/> YES NO										
INSIDE OF WELL HEAD AND OUTER CASING DRY?: <input checked="" type="radio"/> YES NO										
WELL CASING OK?: <input checked="" type="radio"/> YES NO										
COMMENTS: _____										
GENERAL:										
WEATHER CONDITIONS: <u>clear, warm</u>										
TEMPERATURE (SPECIFY °C OR °F): <u>80° F</u>										
PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? _____										
cc: Project Manager: <u>S. BARTLING</u>										
Job File: <u>944016.00</u>										
Other: _____										

Groundwater Purge and Sample Form

Date: 9/6/95

Kennedy/Jenks Consultants

PROJECT NAME:	DAC	WELL NUMBER:	WCC - 105
PROJECT NUMBER:	944016.00	PERSONNEL:	R.A.P.
STATIC WATER LEVEL (FT):	67.10	MEASURING POINT DESCRIPTION:	Top of casing
WATER LEVEL MEASUREMENT METHOD:	Elec.	PURGE METHOD:	Reduction
TIME START PURGE:	1149	PURGE DEPTH (FT)	
TIME END PURGE:	1200		
TIME SAMPLED:	1215		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			3 X CASING VOLUME (GAL)
				2	4	6	
				0.16	0.64	1.44	
	89.60	67.10	22.5				43.2

TIME	1151	1153	1155	1157	1158	1159	
VOLUME PURGED (GAL)	10	20	30	46	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	18.7	16.3	14.6	14.8	14.9	15.1	
pH	7.31	7.43	7.23	7.23	7.18	7.17	
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected)	972	954	951	949	950	952	
DISSOLVED OXYGEN (mg/L)	-	-	-	-	-	-	
eH(MV)Pt-AgCl ref.	-	-	-	-	-	-	
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/6/85

Kennedy/Jenks Consui

PROJECT NAME: DACWELL NUMBER: WCC-105PROJECT NUMBER: 944016.00PERSONNEL: RAPSAMPLE DATA:
TIME SAMPLED: 1215 COMMENTS:DEPTH SAMPLED (FT): 70SAMPLING EQUIPMENT: Stainless Steel beaker

SAMPLE NO.	NO. OF CONTAINERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENT
<u>WCCRS-12</u>	<u>3</u>	<u>VDA</u>	<u>HCl</u>	<u>N</u>	<u>40ml</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>8296/8260</u>	

PURGE WATER DISPOSAL NOTES:
TOTAL DISCHARGE (GAL): 50 COMMENTS:DISPOSAL METHOD: In-situ storage

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NOINSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NOWELL CASING OK?: YES NO

COMMENTS:

GENERAL:WEATHER CONDITIONS: Warm, clearTEMPERATURE (SPECIFY °C OR °F): 85°FPROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? Xcc: Project Manager: S. BARTLING
Job File: _____
Other: _____

Groundwater Purge and Sample Form

Date: 9/6/95

Kennedy/Jenks Consultants

PROJECT NAME:	DAC	WELL NUMBER:	WCC - 113
PROJECT NUMBER:	G44016.00	PERSONNEL:	RAP
STATIC WATER LEVEL (FT):	65.66	MEASURING POINT DESCRIPTION:	Top of casing
WATER LEVEL MEASUREMENT METHOD:	Elec. probe	PURGE METHOD:	Rediflow
TIME START PURGE:	1326	PURGE DEPTH (FT)	
TIME END PURGE:	1338		
TIME SAMPLED:	1350		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			Casing Volume (GAL)
				2	4	6	
				0.16	0.64	1.44	
	89.30	65.66	23.64				45

TIME	1329	1331	1334	1336	1337	1338	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	4	5	5	5	5	5	
TEMPERATURE (°C)	73.9	73.6	74.5	74.9	74.5	74.2	
pH	7.24	7.25	7.20	7.22	7.20	7.21	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1382	1366	1390	1380	1375	1370	
DISSOLVED OXYGEN (mg/L)	-	-	-	-	-	-	
eH(MV)Pt-AgCl ref.	-	-	-	-	-	-	
TURBIDITY/COLOR	slight	slight	clear	clear	clear	clear	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/6/95

Kennedy/Jenks Consul

PROJECT NAME: DAC

WELL NUMBER: WCC-11S

PROJECT NUMBER: 944016.00

PERSONNEL: RAT

SAMPLE DATA:

TIME SAMPLED: 1350 COMMENTS:

DEPTH SAMPLED (FT): 70

SAMPLING EQUIPMENT: stainless steel beaker

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENT
wcc11s-12	3	VFA	HCl	N	40ml	N	N	Y	8240/8260	-
disposal	3	VFA	EACI	N	40ml	N	N	Y	8240/8260	-

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: on-site

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NOINSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NOWELL CASING OK?: YES NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: clear, warm

TEMPERATURE (SPECIFY °C OR °F): 90°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: S. Bartling
Job File: _____
Other: _____

Groundwater Purge and Sample Form

Date: 9/6/95

Kennedy/Jenks Consultants

PROJECT NAME:	DAC		WELL NUMBER:	WCC-125				
PROJECT NUMBER:	944016.00		PERSONNEL:	RAP				
STATIC WATER LEVEL (FT):	63.78		MEASURING POINT DESCRIPTION:	Top of casing				
WATER LEVEL MEASUREMENT METHOD:	Elec. Probe		PURGE METHOD:	Rev-Flood				
TIME START PURGE:	1416		PURGE DEPTH (FT)	75'				
TIME END PURGE:	1426							
TIME SAMPLED:	1423							
COMMENTS:								
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			CASING VOLUME (GAL)	
				X	2	4		6
					0.16	0.64		1.44
90.25	63.78	26.47					51	
TIME	1418	1420	1422	1424	1425	1426		
VOLUME PURGED (GAL)	10	20	30	40	45	50		
PURGE RATE (GPM)	5	5	5	5	5	5		
TEMPERATURE (°F)	75.0	75.6	75.7	75.7	75.6	75.5		
pH	7.63	7.44	7.39	7.34	7.36	7.31		
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	1257	1183	1168	1159	1169	1166		
DISSOLVED OXYGEN (mg/L)	-	-	-	-	-	-		
eH(MV)Pt-AgCl ref.	-	-	-	-	-	-		
TURBIDITY/COLOR	sl. brown	sl brown	sl brown	sl brown	sl clear	sl clear		
ODOR	N	N	N	N	N	N		
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75		
DEPTH TO WATER DURING PURGE (FT)								
NUMBER OF CASING VOLUMES REMOVED								
DEWATERED?								

Groundwater Purge and Sample Form

Date: 7/5/95

Kennedy/Jenks Consul

PROJECT NAME: TDC
 PROJECT NUMBER: 94 4016.0

WELL NUMBER: WCC-125
 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 440 COMMENTS:

DEPTH SAMPLED (FT): 70

SAMPLING EQUIPMENT: stainless steel bater

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENT
WCC-125-12	3	VOA	HCl	N	40ml	N	N	Y	2240/ 8260	
WCC-125-15	3	VOA	HCl	N	40ml	N	W	Y	8240/ 8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: warm, clear, go

TEMPERATURE (SPECIFY °C OR °F): 90 F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING?

cc: Project Manager: J. Bartling
 Job File:
 Other:

Groundwater Purge and Sample Form

Date: 9/7/88

Kennedy/Jenks Consultants

PROJECT NAME:	DRC	WELL NUMBER:	DRC P-1
PROJECT NUMBER:	944016.00	PERSONNEL:	RAP
STATIC WATER LEVEL (FT):	68.20	MEASURING POINT DESCRIPTION:	Top of casing
WATER LEVEL MEASUREMENT METHOD:	Elec Probe	PURGE METHOD:	Readi flow
TIME START PURGE:	1508	PURGE DEPTH (FT)	
TIME END PURGE:	1519		
TIME SAMPLED:	1530		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN)			3 X CASING VOLUME (GAL)
					2	4	6	
	90	68	22		0.16	0.64	1.44	42

TIME	1510	1512	1514	1516	1517	1519	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	78.0	76.5	75.8	75.0	75.1	74.9	
pH	7.23	7.21	7.09	7.11	7.06	7.12	
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	2450	2280	2330	2320	2310	2300	
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	
TURBIDITY/COLOR	Some silt	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form

Date: 9/17/95

Kennedy/Jenks Consu

PROJECT NAME:	<u>DAE</u>				WELL NUMBER:				<u>DAE P-1</u>	
PROJECT NUMBER:	<u>944016.00</u>				PERSONNEL:				<u>RAP</u>	
SAMPLE DATA:										
TIME SAMPLED:	<u>1530</u>				COMMENTS:					
DEPTH SAMPLED (FT):	<u>70 ft</u>									
SAMPLING EQUIPMENT:	<u>Stainless Steel boker</u>									
SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMEN
<u>DAEP1-12</u>	<u>3</u>	<u>Vial</u>	<u>HCl</u>	<u>N</u>	<u>40 ml</u>	<u>N</u>	<u>N</u>	<u>X</u>	<u>8240/</u> <u>F260</u>	
PURGE WATER DISPOSAL NOTES:										
TOTAL DISCHARGE (GAL):	<u>50</u>				COMMENTS:					
DISPOSAL METHOD:	<u>ON SITE</u>									
DRUM DESIGNATION(S)/VOLUME PER (GAL):										
WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):										
WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: <input checked="" type="radio"/> YES <input type="radio"/> NO										
INSIDE OF WELL HEAD AND OUTER CASING DRY?: <input checked="" type="radio"/> YES <input type="radio"/> NO										
WELL CASING OK?: <input checked="" type="radio"/> YES <input type="radio"/> NO										
COMMENTS:										
GENERAL:										
WEATHER CONDITIONS: <u>CLEAR, BREEZE</u> <u>SLIGHT</u> <u>WIND</u>										
TEMPERATURE (SPECIFY °C OR °F): <u>86 F</u>										
PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? <u>A</u>										
cc: Project Manager: <u>S. BARTLING</u>										
Job File: _____										
Other: _____										

Groundwater Purge and Sample Form

Date: 9/6/95

Kennedy/Jenks Consultants

PROJECT NAME: DACWELL NUMBER: WCC-1DPROJECT NUMBER: 944016.00PERSONNEL: R.A.P.STATIC WATER LEVEL (FT): 67.15MEASURING POINT DESCRIPTION: Top of CasingWATER LEVEL MEASUREMENT METHOD: EIEC. PROBEPURGE METHOD: Ball ValveTIME START PURGE: 1037PURGE DEPTH (FT) 90TIME END PURGE: 1102TIME SAMPLED: 1135

COMMENTS: _____

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN)			3 X CASING VOLUME (GAL)
					2	4	6	
					0.16	0.64	1.44	
	<u>135.50</u>	<u>67.15</u>						<u>131</u>

TIME	<u>1039</u>	<u>1055</u>	<u>1104</u>	<u>1106</u>	<u>1108</u>	<u>1110</u>	<u>1112</u>
VOLUME PURGED (GAL)	<u>10</u>	<u>50</u>	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>
PURGE RATE (GPM)	<u>5</u>	<u>4</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>
TEMPERATURE (°C)	<u>29.5</u>	<u>25.7</u>	<u>25.6</u>	<u>25.3</u>	<u>24.9</u>	<u>24.8</u>	<u>24.6</u>
pH	<u>7.55</u>	<u>7.82</u>	<u>7.66</u>	<u>7.65</u>	<u>7.70</u>	<u>7.65</u>	<u>7.69</u>
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	<u>759</u>	<u>148</u>	<u>726</u>	<u>723</u>	<u>719</u>	<u>716</u>	<u>715</u>
DISSOLVED OXYGEN (mg/L)	<u>-</u>						
eH(MV)Pt-AgCl ref.	<u>-</u>						
TURBIDITY/COLOR	<u>clear</u>						
ODOR	<u>N</u>						
DEPTH OF PURGE INTAKE (FT)	<u>90</u>						
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

PROJECT NAME: DAC
 PROJECT NUMBER: 944016.00

WELL NUMBER: WCC-12
 PERSONNEL: RAS

SAMPLE DATA:
 TIME SAMPLED: 11:35 COMMENTS: _____

DEPTH SAMPLED (FT): 80 ft _____

SAMPLING EQUIPMENT: Stainless steel boker _____

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENT
WCC12-12	3	VQA	HCl	N	40 ml	N	N	Y	B240/ 8260	

PURGE WATER DISPOSAL NOTES:
 TOTAL DISCHARGE (GAL): 140 COMMENTS: _____

DISPOSAL METHOD: on-site _____

DRUM DESIGNATION(S)/VOLUME PER (GAL): _____

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS: _____

GENERAL:

WEATHER CONDITIONS: clear, warm

TEMPERATURE (SPECIFY °C OR °F): 60 - 85° F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: S. BARZENG
 Job File: _____
 Other: _____

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Consultants

PROJECT NAME:	DAC			WELL NUMBER:	WCC-3D			
PROJECT NUMBER:	944016.00			PERSONNEL:	RAP			
STATIC WATER LEVEL (FT):	67.74			MEASURING POINT DESCRIPTION:	Top of casing			
WATER LEVEL MEASUREMENT METHOD:	Elec. probe			PURGE METHOD:	Rein. Flow			
TIME START PURGE:	1207			PURGE DEPTH (FT)	120			
TIME END PURGE:	1239							
TIME SAMPLED:	1255							
COMMENTS:								
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN)	3 X CASING VOLUME (GAL)
							2	
	140	-	67.74	=	72.26	X	0.16 0.64 1.44	139
TIME	1209	1223	1233	1235	1237	1239		
VOLUME PURGED (GAL)	10	60	10	120	130	140		
PURGE RATE (GPM)	5	5	5	5	5	5		
TEMPERATURE (°C)	75.7	75.9	75.1	75.0	74.7	74.5		
pH	7.72	7.76	7.54	7.54	7.59	7.61		
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	755	740	728	726	724	725		
DISSOLVED OXYGEN (mg/L)	-	-	-	-	-	-		
eH(MV)Pt-AgCl ref.	-	-	-	-	-	-		
TURBIDITY/COLOR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR		
ODOR	Y	Y	N	N	N	N		
DEPTH OF PURGE INTAKE (FT)	120	120	120	120	120	120		
DEPTH TO WATER DURING PURGE (FT)								
NUMBER OF CASING VOLUMES REMOVED								
DEWATERED?								

Groundwater Purge and Sample Form

Date: 9/7/95

Kennedy/Jenks Cons.

PROJECT NAME: DAC WELL NUMBER: WCC-3D
 PROJECT NUMBER: 844016-00 PERSONNEL: RAB

SAMPLE DATA:
 TIME SAMPLED: 1255 COMMENTS: _____

DEPTH SAMPLED (FT): 80 _____

SAMPLING EQUIPMENT: Stainless steel beaker _____

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC-3D-12	1 3	1 VOA	HCl	N	40ml	N	N	Y	8240/ 8260	

PURGE WATER DISPOSAL NOTES:
 TOTAL DISCHARGE (GAL): 140 COMMENTS: _____
 DISPOSAL METHOD: ON-SITE _____
 DRUM DESIGNATION(S)/VOLUME PER (GAL): _____

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS: _____

GENERAL:

WEATHER CONDITIONS: CLEAR, WARM

TEMPERATURE (SPECIFY °C OR °F): 80

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: S. BARTON
 Job File: _____
 Other: _____

WATER LEVEL DATA SHEET

Job No. 944016.01

Facility DAC

WATER LEVEL DATA SHEET

Well No.	Date Mo./Day/Yr	Time	Well Elevation	Depth To Water	Water Elevation	Initials	Comments
WCC-5S	9/20/95	1145		64.57	-16.35	KKP	
WCC-9S		1155		63.65	-16.44	KKP	
WCC-12S		1205		63.71	-16.79	KKP	
WCC-2S		1225		66.78	-16.19	KKP	
WCC-7S		1245		65.11	-16.82	KKP	
WCC-11S		1255		65.56	-15.59	KKP	
WCC-4S		1305		66.07	-16.38	KKP	
WCC-8S		1310		66.72	-16.16	KKP	
WCC-1S		1320		66.97	-16.27	KKP	
WCC-1D		1327		67.05	-16.40	KKP	
WCC-3S		1335		67.56	-16.36	KKP	
WCC-3D		1340		67.65	16.43 -16.47	KKP	
WCC-6S		CAN'T OPEN				KKP	
WCC-10S		1405		67.01	-15.89	KKP	
DAC-PI		1415		68.10	-15.46	KKP	

Job No. 944016.01

Facility **DAC**

APPENDIX D
CHAIN-OF-CUSTODY RECORDS



Since 1878

Curtis & Tompkins, Ltd. General Analytical Laboratories

2495 Da Vinci, Irvine, CA 92714

Phone (714)252-9700

Fax (714)252-9701

CHAIN-OF-CUSTODY RECORD

SHEET OF

Sample ID	Depth	Date	Time	Sample Type	Container Type	Total Number Of Containers	ANALYSES	6018010	6028020	BTEX	8015 (NVH)	8015 (TEH)	418.1	413.1	413.2	60818080	PCBS Only	62418240	62518270	TITLE 26 Metals	RCRA Metals	Wet Extraction	TCLP Extraction	ZHE Extraction	8280
WCC75-12	9/7/95	0812		Liq	VOA	3																X			
WCC85-12			0855																			X			
WCC45-12			0945																			X			
WCC15-12			1120																			X			
WCC3D-12			1225																			X			
WCC3S-12			1350																			X			
WCC6S-12			1445																			X			
DAC P1-12			1520																			X			
EP 090795			-																			X			
TP 090795			-																			X			
DW 090795			-																			X			

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time	LABORATORY NOTES:	DATE DATA NEEDED BY:
<i>R. Patore</i>	1/7/95 - 17:55	<i>David Allen</i>	1/7/95 17:55		
Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time	All samples will be disposed of 30 days after invoice unless specified on chain of custody - write "archive for _____ days" by any sample to be archived.	
Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time	\$5 / sample / month will be charged	
SEND ANALYTICAL REPORT TO: <u>BICK PATORE</u>				CLIENT JOB I.D.: <u>744016 00</u>	
COMPANY: <u>Call Inc.</u>				CLIENT P.O. NO.: _____	C&T QUOTE NO.: _____
ADDRESS: _____				SAMPLING LOCATION: <u>DAC</u>	
CITY: <u>IRVINE</u>		STATE: _____	ZIP CODE: _____	COLLECTOR: <u>R. Patore</u>	
PHONE NUMBER: <u>761-2177</u>		FAX NUMBER: <u>261-2134</u>			
PROJECT MANAGER: <u>SARAH PARLING</u>					